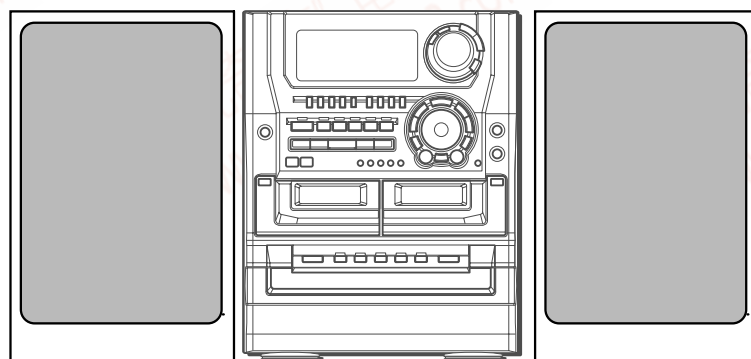




NSX-DST717 U



SERVICE MANUAL

COMPACT DISC
STEREO CASSETTE RECEIVER

BASIC TAPE MECHANISM: 2ZM-3MK2 PR4NM
BASIC CD MECHANISM: 6ZG-1 ZRNDM

SYSTEM	CD-CASSEIVER	SPEAKER	REMOTE CONTROLLER
NSX-DST717	CX-NDST717	SX-ND92 SX-R275 SX-C605	RC-ZAS22

- This Service Manual is the "Revision Publishing" and replaces "Simple Manual" NSX-DST717<U>, (S/M Code No. 09-006-432-7T1).
- If requiring information about the CD mechanism, see Service Manual of 6ZG-1 (S/M Code No. 09-001-338-7N2).

aiwa

S/M Code No. 09-008-432-7R1

REVISION

DATA

SPECIFICATIONS

<FM tuner section>

Tuning range	87.5 MHz to 108 MHz
Usable sensitivity(IHF)	13.2 dBf
Antenna terminals	75 ohms (unbalanced)

<MW tuner section>

Tuning range	530 kHz to 1710 kHz (10 kHz step) 531 kHz to 1602 kHz (9 kHz step)
Usable sensitivity	350 uV/m
Antenna	Loop antenna

<Amplifier section>

Power output	Front 165 W + 165 W (50 Hz - 20 kHz, THD less than 1 %, 6 ohms) Rear (Surround) 40 W + 40 W (1 kHz, THD less than 1%, 8 ohms) Center 40 W (1 kHz, THD less than 1%, 8 ohms)
Total harmonic distortion	0.3 % (80 W, 1 kHz, 6 ohms, DIN AUDIO/front)
Inputs	VIDEO 1/ DVD/ AUX: 420 mV (adjustable) VIDEO 2/ LD / MD: 420 mV (adjustable) MIC 1, MIC 2: 1.0 mV (10 kohms) DIGITAL IN:

Outputs

COAXIAL (VIDEO 2):
OPTICAL (VIDEO 1):
accept linear PCM (32 kHz, 44.1 kHz and 48 kHz) signals and bit stream of Dolby Digital Surround
LINE OUT: 150 mV
SUB WOOFER: 1 V
SPEAKERS:
accept speakers of 6 ohms or more
SURROUND SPEAKERS:
accept speakers of 8 ohms to 16 ohms
CENTER SPEAKERS :
accept speakers of 8 ohms or more
PHONES (stereo jack) : accepts headphones of 32 ohms or more

<Cassette deck section>

Track format	4 tracks, 2 channels stereo
Frequency response	CrO ₂ tape: 50 Hz – 16000 Hz Normal tape: 50 Hz – 15000 Hz
Signal-to-noise ratio	60 dB (Dolby B NR ON, CrO ₂ tape peak level)
Recording system	AC bias
Heads	Deck 1: Playback head x 1 Deck 2: Recording/Playback head x 1, erase head x 1

<Compact disc player section>


Laser	Semiconductor laser ($\lambda = 780 \text{ nm}$)
D-A converter	1 bit dual
Signal-to-noise ratio	83 dB (1 kHz, 0 dB)
Harmonic distortion	0.05 % (1 kHz, 0 dB)
Wow and flutter	Unmeasurable

<Speaker system SX-ND92>

Cabinet type	3 way, bass reflex (magnetic shielded type)
Speakers	Woofer : 160 mm (6 ³ / ₈ in.) cone type Tweeter: 80 mm (3 ¹ / ₄ in.) cone type Super Tweeter : 20 mm (13 ¹ / ₁₆ in.) ceramic type 6 ohms 87 dB/W/m
Impedance	250 x 383 x 314 mm (9 ⁷ / ₈ x 15 ¹ / ₈ x 12 ³ / ₈ in.)
Sensitivity	6.0 kg (13 lbs 4 oz)
Dimensions (W x H x D)	
Weight	

<General>

Power requirements	120 V AC, 60 Hz
Power consumption	200 W
Dimensions of main unit (W x H x D)	300 x 383.5 x 380 mm (11 ⁷ / ₈ x 15 ¹ / ₈ x 15 in.)
Weight of main unit	14.5 kg (31 lbs 15 oz)
Standby power consumption	
	If the power-economizing mode is OFF: 36 W
	If the power-economizing mode is ON: 1.5 W

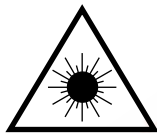
- Design and specifications are subject to change without notice.
- Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
"DOLBY" and the double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation.
- The word "BBE" and the "BBE symbol" are trademarks of BBE Sound, Inc.
Under license from BBE Sound, Inc.

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING

This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

WARNING!!

WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.



- Caution: Invisible laser radiation when open and interlocks defeated avoid exposure to beam.
- Advarsel: Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

VAROITUS!

Laiteen Käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyt-täjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

VARNING!

Om apparaten används på annat sätt än vad som specificeras i denna bruksanvising, kan användaren utsättas för osynlig laserstrålning, som överskrider gränsen för laserklass 1.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

ATTENTION

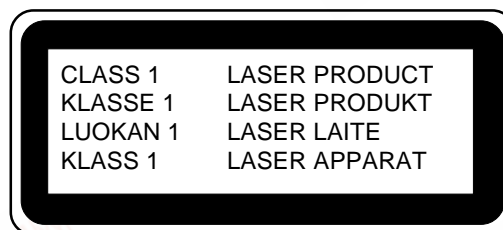
L'utilisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

ADVARSEL

Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

This Compact Disc player is classified as a CLASS 1 LASER product.

The CLASS 1 LASER PRODUCT label is located on the rear exterior.



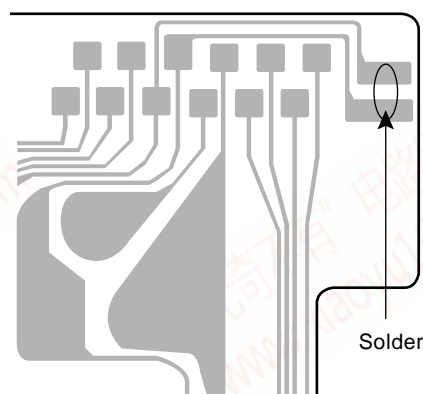
Precaution to replace Optical block

(KSS-213F)

Body or clothes electrostatic potential could ruin laser diode in the optical block. Be sure ground body and workbench, and use care the clothes do not touch the diode.

- 1) After the connection, remove solder shown in right figure.

PICK-UP Assy P.C.B



NOTE ON BEFORE STARTING REPAIR

1. Forced discharge of electrolytic capacitor of power supply block

When repair is going to be attempted in the set that uses relay circuit in the power supply block, electric potential is kept charged across the electrolytic capacitors (C101, 102) even though AC power cord is removed. If repair is attempted in this condition, secondary defect can occur.

In order to prevent the secondary trouble, perform the following measures before starting repair work.

Discharge procedure

- ① Remove the AC power cord.
- ② Connect a discharging resistor at an end of lead wire that has clips at both ends. Connect the other end of the lead wire to metal chassis.
- ③ Contact the other end of the discharging resistor to the positive (+) side (+VH) of C101. (For two seconds)
- ④ Contact the same end of the discharging resistor as step ③ to the negative (-) side (-VH) of C102 in the same way. (For two seconds)
- ⑤ Check that voltage across C101 and C102 has decreased to 1 V or less using a multimeter or an oscilloscope.

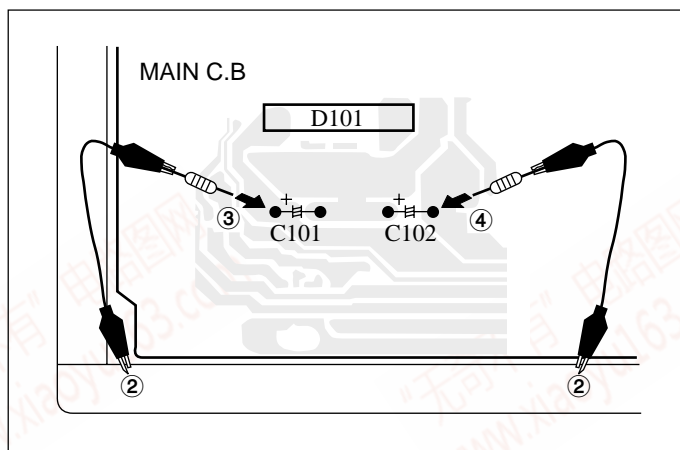


Fig-1

Select a discharging resistor referring to the following table.

Charging voltage (V) (C101, 102)	Discharging resistor (Ω)	Rated power (W)	Parts number
25-48	100	3	87-A00-247-090
49-140	220	5	87-A00-232-090

Note: The reference numbers (C101, C102) of the electrolytic capacitors can change depending on the models. Be sure to check the reference numbers of the charging capacitors on schematic diagram before starting the discharging work.

2. Check items before exchanging the MICROCOMPUTER

Be sure to check the following items before exchanging the MICROCOMPUTER. Exchange the MICROCOMPUTER after confirming that the MICROCOMPUTER is surely defective.

2-1. Regarding the HOLD terminal of the MICROCOMPUTER

When the HOLD terminal (INPUT) of the MICROCOMPUTER is "H", the MICROCOMPUTER is judged to be operating correctly. When this terminal is "L", the main power cannot be turned on. Therefore, be sure to check the terminal voltage of the HOLD terminal before exchange.

When the MICROCOMPUTER is not defective, the HOLD terminal can also go "L" when the POWER AMPLIFIER has any abnormalities that triggers the abnormality detection circuit on the MAIN C. B. that sets the HOLD terminal to "L".

• Good or no good judgement of the MICROCOMPUTER

- ① Turn on the AC main power.
- ② Confirm that the main power is turned on and the HOLD terminal of the MICROCOMPUTER keeps the "H" level or not.
- ③ When the HOLD terminal is "L" level, the abnormality detection circuit is judged to be working correctly and the MICROCOMPUTER is judged to be good.

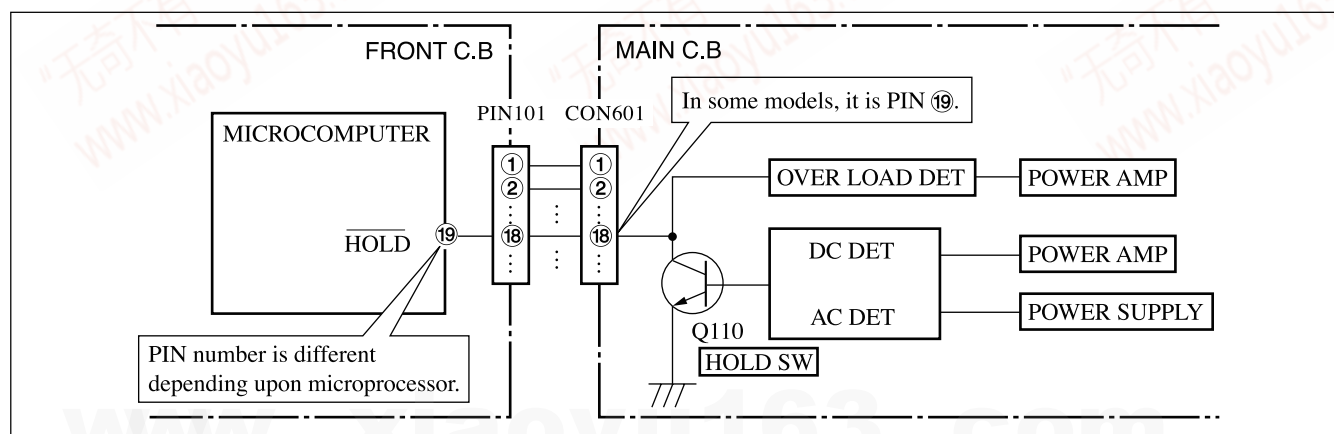


Fig-2-1

In such a case, check also if the POWER AMPLIFIER circuit or power supply circuit has any abnormalities or not.

2-2. Regarding reset

There are cases that the machine does not work correctly because the MICROCOMPUTER is not reset even though the AC power cord is re-inserted, or the software reset (pressing the STOP key + POWER key) is performed.

When the above described phenomenon occurs, it can lead to wrong judgement as if the MICROCOMPUTER is defective and to exchange the MICROCOMPUTER. In such a case, perform the forced-reset by the following procedure and check good or no good of the MICROCOMPUTER.

- ① Remove the AC power cord.

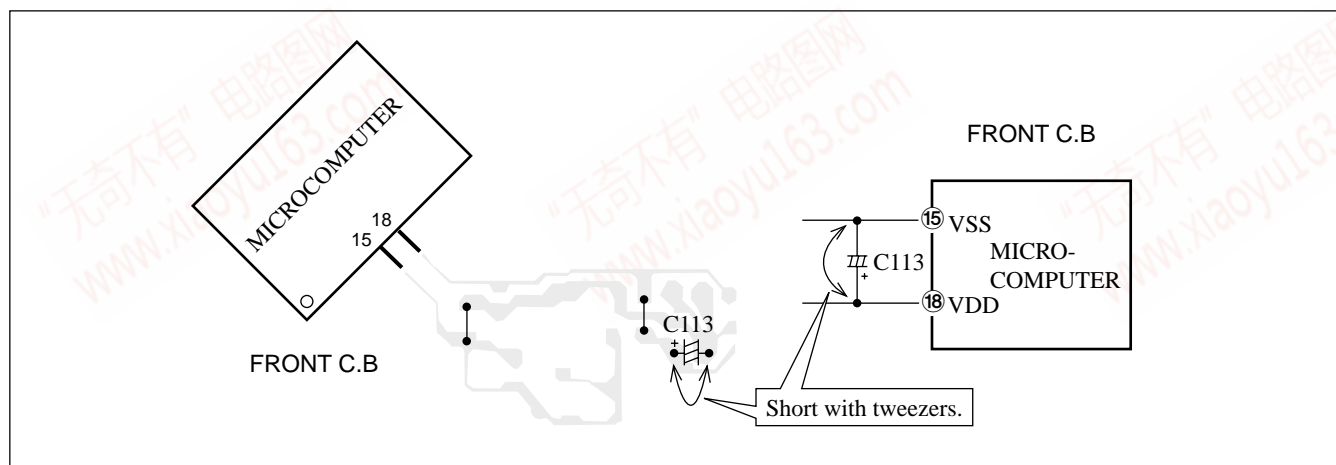


Fig-2-2

- ② Short both ends of the electrolytic capacitor C113 that is connected to VDD of the MICROCOMPUTER with tweezers.
- ③ Connect the AC power cord again. If the MICROCOMPUTER returns to the normal operation, the MICROCOMPUTER is good.

Note: The reference number or MICROCOMPUTER pin number of transistor (Q110) and electrolytic capacitor (C113) can change depending on the models. Be sure to check the reference numbers on schematic diagram before starting the discharging work.

2-3. Confirmation of soldering state of MICROCOMPUTER

Check the soldering state of the MICROCOMPUTER in addition to the above described procedures. Be sure to exchange the MICROCOMPUTER after surely confirming that the trouble is not caused by poor soldering but the MICROCOMPUTER itself.

ELETRICAL MAIN PARTS LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC							
	8A-NFE-635-010		C-IC, LC876572V-5S36	87-A40-673-090			DIODE, D10XB20
	87-A20-823-010		C-IC, YSS248	87-017-447-010			DIODE, GBU4DL-6419
	87-A21-397-010		IC, STK490-070	87-A40-224-010			DIODE, GBU8DL
	87-A20-824-010		C-IC, CS4226	87-017-654-060			DIODE, GBU6JL6131
	87-A21-482-010		IC, RPM6938-H4	87-A40-553-080			DIODE, IN4003 LES
	87-020-903-010		IC, NJM7805FA	87-A40-781-080			ZENER, UZ36BSA
	87-017-585-080		C-IC, NJM4580E	87-A40-764-080			ZENER, UZ10BSC
	87-020-784-080		C-IC, TC4053BF	87-070-274-080			DIODE, IN4003 SEM
	87-017-022-080		C-IC, NJM2068M-D (T1)	87-A40-768-080			ZENER, UZ16BSA
	87-A20-870-010		IC, GP1F37R	87-A40-269-080			C-DIODE, MC2836
	87-A21-018-040		C-IC, M65849BFP631D	87-A40-291-080			DIODE, IN4148M (CPT)
	87-001-604-080		C-IC, TC74HCU04M	87-A40-313-080			C-DIODE, MC2840
	87-002-298-080		C-IC, IC74HC00AF	87-017-154-080			ZENER, HZS6C3L
	87-A20-869-040		C-IC, M62449FP	87-020-465-080			CIODE, 1SS133
	87-A20-355-010		IC, CXA1553P	87-020-331-080			C-DIODE, DAN202K
	87-A20-783-040		C-IC, BA7762AFS	87-A40-488-080			DIODE, 1SS244
	87-A21-577-040		C-IC, M61506FP	87-A40-270-080			C-DIODE, MC2838
	87-A21-021-040		C-IC, BU2099FV	87-A40-455-080			DIODE, RL203GW
	87-020-454-010		IC, DN6851	87-017-931-080			ZENER, MTZJ5.6B
	87-070-391-040		C-IC, BA4558F	87-A40-347-080			ZENER, MTZJ2.2B
	87-A21-111-040		C-IC, M62495FP	87-A40-348-080			ZENER, MTZJ3.3A
	87-A21-452-030		C-IC, BD3876KS2	87-A40-751-080			ZENER, UZ6.2BSB
	87-A21-560-010		IC, LA1844L-A	87-A40-747-080			ZENER, UZ5.1BSB
	87-070-127-110		IC, LC72131D	87-A40-646-010			DIODE, FMB-G16L
				87-A40-438-080			ZENER, MTZJ4.7A
				87-017-149-080			ZENER, HZS6A2L
TRANSISTOR				MAIN C.B			
	87-A30-217-010		TR, 2SB1436 (R)	C3	87-012-368-080		C-CAP, S 0.1-50 F
	87-026-245-080		TR, DTC114ES	C4	87-012-368-080		C-CAP, S 0.1-50 F
	87-A30-198-080		TR, KTC3199GR	C21	87-016-035-090		CAP, E 6800-35 VR
	87-A30-318-080		TR, CSA952K	C22	87-016-035-090		CAP, E 6800-35 VR
	89-213-702-010		TR, 2SB1370E	C25	87-010-990-080		CAP, E 33-100 SME
	87-A30-218-080		TR, 2SB1237Q	C26	87-016-300-080		CAP, E 22-100 SME
	87-A30-087-080		C-FET, 2SK2158	C27	87-010-990-080		CAP, E 33-100 SME
	87-A30-071-080		C-TR, RT1N 144C	C28	87-010-990-080		CAP, E 33-100 SME
	87-026-610-080		TR, KTC3198GR	C31	87-010-263-080		CAP, ELECT 100-10V
	87-A30-257-080		C-TR, 2SD1306E	C32	87-010-197-080		CAP, CHIP 0.01 DM
	87-A30-468-080		C-TR, KRC102S-RTK	C33	87-010-263-080		CAP, ELECT 100-10V
	87-A30-107-070		C-TR, CMBT5401	C34	87-010-247-080		CAP, ELECT 100-50V
	87-A30-074-080		C-TR, RT1P 141C	C35	87-010-406-080		CAP, ELECT 22-50
	87-A30-086-040		C-TR, CSD1306E	C36	87-010-381-080		CAP, ELECT 330-16V
	87-A30-076-080		C-TR, 2SC3052F	C38	87-010-393-080		CAP, ELECT 100-35V
	87-A30-105-080		C-TR, RT1P 441C	C39	87-010-393-080		CAP, ELECT 100-35V
	87-A30-190-080		TR, CC5551	C40	87-010-190-080		S CHIP F 0.01
	87-A30-204-010		TR, 2SD2439	C60	87-010-403-080		CAP, ELECT 3.3-50V
	87-A30-205-010		TR, 2SB1588	C80	87-010-401-080		CAP, ELECT 1-50V
	87-A30-106-080		C-TR, CMBT5551	C81	87-010-374-080		CAP, ELECT 47-10V
	87-A30-106-040		C-TR, CMBT5551	C82	87-010-260-080		CAP, ELECT 47-25V
	87-A30-256-010		TR, 2SD1933	C121	87-010-405-080		CAP, ELECT 10-50 V
	87-A30-255-010		TR, 2SB1342	C122	87-010-405-080		CAP, ELECT 10-50 V
	87-A30-276-040		C-TR, DTA143EKA	C152	87-010-260-080		CAP, ELECT 47-25V
	87-A30-063-080		C-TR, KRA104S	C160	87-012-140-080		C-CAP, S 470-50 J CH
	87-026-609-080		TR, KTA1266GR	C163	87-010-196-080		CHIP CAPACITOR, 0.1-25
	87-A30-484-080		C-TR, KRA102S	C171	87-012-368-080		C-CAP, S 0.1-50 F
	87-026-608-080		C-TR, DTC123JK	C172	87-012-368-080		C-CAP, S 0.1-50 F
	87-A30-186-010		FET, 2SK3053	C173	87-012-368-080		C-CAP, S 0.1-50 F
	87-026-463-080		TR, 2SA933SRS	C174	87-012-368-080		C-CAP, S 0.1-50 F
	87-A30-075-080		C-TR, 2SA1235F	C175	87-A11-572-080		C-CAP, S 0.015-50 K B
	87-A30-202-080		C-TR, RT1P441C	C176	87-A11-572-080		C-CAP, S 0.015-50 K B
	89-110-372-080		C-TR, 2SA1037K (R)	C177	87-010-197-080		CAP, CHIP 0.01 DM
	89-213-750-010		TR, 2SB1375	C178	87-010-197-080		CAP, CHIP 0.01 DM
	87-A30-329-080		TR, CD1585BC	C301	87-010-318-080		C-CAP, S 47P-50 CH
	87-A30-495-080		TR, 2SA1981Y	C302	87-010-318-080		C-CAP, S 47P-50 CH
	89-327-143-080		C-TR, 2SC27140	C303	87-012-157-080		C-CAP, S 330P-50 CH
	87-A30-489-080		C-TR, KRA107S	C304	87-012-157-080		C-CAP, S 330P-50 CH
				C305	87-012-157-080		C-CAP, S 330P-50 CH
				C306	87-012-157-080		C-CAP, S 330P-50 CH
DIODE							

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C307	87-010-196-080		CHIP CAPACITOR,0.1-25	C489	87-010-402-080		CAP, ELECT 2.2-50V
C311	87-010-198-080		CAP, CHIP 0.022	C491	87-010-402-080		CAP, ELECT 2.2-50V
C312	87-010-198-080		CAP, CHIP 0.022	C492	87-010-402-080		CAP, ELECT 2.2-50V
C313	87-010-180-080		C-CER 1500P	C531	87-010-560-080		CAP,E 10-50 GAS
C314	87-010-180-080		C-CER 1500P	C532	87-010-196-080		CHIP CAPACITOR,0.1-25
C315	87-010-178-080		CHIP CAP 1000P	C533	87-010-196-080		CHIP CAPACITOR,0.1-25
C316	87-010-178-080		CHIP CAP 1000P	C534	87-012-156-080		C-CAP,S 220P-50 CH
C317	87-A10-801-080		C-CAP,S0.33-16 KB	C535	87-010-178-080		CHIP CAP 1000P
C318	87-A10-801-080		C-CAP,S0.33-16 KB	C536	87-010-196-080		CHIP CAPACITOR,0.1-25
C319	87-012-141-080		CHIP-CAPACITOR,0.22-16F	C541	87-010-178-080		CHIP CAP 1000P
C320	87-012-141-080		CHIP-CAPACITOR,0.22-16F	C603	87-010-318-080		C-CAP,S 47P-50 CH
C321	87-012-141-080		CHIP-CAPACITOR,0.22-16F	C604	87-010-318-080		C-CAP,S 47P-50 CH
C322	87-012-141-080		CHIP-CAPACITOR,0.22-16F	C605	87-010-318-080		C-CAP,S 47P-50 CH
C324	87-010-260-080		CAP, ELECT 47-25V	C606	87-010-318-080		C-CAP,S 47P-50 CH
C325	87-010-370-080		CAP,E 330-6.3 SME	C611	87-010-956-080		CHIP-CAP,S 0.068-25B
C327	87-010-404-080		CAP, ELECT 4.7-50V	C612	87-010-369-080		C-CAP,S 0.033-25 K B
C328	87-010-404-080		CAP, ELECT 4.7-50V	C613	87-010-197-080		CAP, CHIP 0.01 DM
C332	87-010-196-080		CHIP CAPACITOR,0.1-25	C614	87-016-669-080		C-CAP,S 0.1-25 K B
C335	87-010-401-080		CAP, ELECT 1-50V	C616	87-010-180-080		C-CER 1500P
C336	87-010-401-080		CAP, ELECT 1-50V	C617	87-010-198-080		CAP, CHIP 0.022
C337	87-010-196-080		CHIP CAPACITOR,0.1-25	C618	87-010-401-080		CAP, ELECT 1-50V
C339	87-010-196-080		CHIP CAPACITOR,0.1-25	C619	87-010-263-080		CAP, ELECT 100-10V
C340	87-010-196-080		CHIP CAPACITOR,0.1-25	C620	87-016-669-080		C-CAP,S 0.1-25 K B
C351	87-012-140-080		CAP 470P	C621	87-010-197-080		CAP, CHIP 0.01 DM
C352	87-012-140-080		CAP 470P	C623	87-010-405-080		CAP, ELECT 10-50V
C354	87-010-175-080		CAP 560P	C624	87-010-405-080		CAP, ELECT 10-50V
C355	87-012-349-080		C-CAP,S 1000P-50 CH	C626	87-010-992-080		C-CAP,S 0.047-25 B
C356	87-010-260-080		CAP, ELECT 47-25V	C627	87-010-400-080		CAP, ELECT 0.47-50V
C357	87-010-197-080		CAP, CHIP 0.01 DM	C628	87-010-400-080		CAP, ELECT 0.47-50V
C358	87-010-183-080		C-CAP,S 2700P-50 B	C629	87-010-992-080		C-CAP,S 0.047-25 B
C359	87-010-183-080		C-CAP,S 2700P-50 B	C630	87-010-383-080		CAP, ELECT 33-25V
C360	87-010-183-080		C-CAP,S 2700P-50 B	C631	87-010-185-080		C-CAP,S 3900P-50 B
C370	87-010-196-080		CHIP CAPACITOR,0.1-25	C632	87-010-185-080		C-CAP,S 3900P-50 B
C371	87-010-175-080		CAP 560P	C634	87-010-196-080		CHIP CAPACITOR,0.1-25
C372	87-010-175-080		CAP 560P	C635	87-A10-307-080		CAP,M 0.1-50 J
C373	87-010-179-080		CAP,CHIP S B1200P	C636	87-A10-307-080		CAP,M 0.1-50 J
C374	87-010-179-080		CAP,CHIP S B1200P	C637	87-A10-307-080		CAP,M 0.1-50 J
C375	87-010-545-080		CAP, ELECT 0.22-50V	C638	87-A10-307-080		CAP,M 0.1-50 J
C376	87-010-545-080		CAP, ELECT 0.22-50V	C639	87-010-405-080		CAP, ELECT 10-50V
C378	87-010-196-080		CHIP CAPACITOR,0.1-25	C641	87-010-401-080		CAP, ELECT 1-50V
C381	87-010-197-080		CAP, CHIP 0.01 DM	C642	87-010-401-080		CAP, ELECT 1-50V
C382	87-010-318-080		C-CAP,S 47P-50 CH	C643	87-010-196-080		CHIP CAPACITOR,0.1-25
C383	87-010-197-080		CAP, CHIP 0.01 DM	C644	87-010-401-080		CAP, ELECT 1-50V
C384	87-010-402-080		CAP, ELECT 2.2-50V	C671	87-010-322-080		C-CAP,S 100P-50 CH
C385	87-010-184-080		CHIP CAPACITOR 3300P(K)	C672	87-010-322-080		C-CAP,S 100P-50 CH
C386	87-010-196-080		CHIP CAPACITOR,0.1-25	C673	87-010-197-080		CAP, CHIP 0.01 DM
C388	87-012-156-080		C-CAP,S 220P-50 CH	C675	87-010-196-080		CHIP CAPACITOR,0.1-25
C412	87-010-071-080		CAP, ELECT 1-50 M 5L SRE	C679	87-010-196-080		CHIP CAPACITOR,0.1-25
C413	87-010-401-080		CAP,E 1-50 M 11L SME	C680	87-010-197-080		CAP, CHIP 0.01 DM
C418	87-010-154-080		CAP CHIP 10P	C682	87-010-196-080		CHIP CAPACITOR,0.1-25
C419	87-010-154-080		CAP CHIP 10P	C683	87-010-196-080		CHIP CAPACITOR,0.1-25
C424	87-010-408-080		CAP, ELECT 47-50V	C771	87-010-263-080		CAP, ELECT 100-10V
C426	87-010-196-080		CHIP CAPACITOR,0.1-25	C772	87-010-197-080		CAP, CHIP 0.01 DM
C427	87-010-154-080		CAP CHIP 10P	C773	87-010-184-080		CHIP CAPACITOR 3300P(K)
C428	87-010-408-080		CAP, ELECT 47-50V	C774	87-010-184-080		CHIP CAPACITOR 3300P(K)
C432	87-010-415-080		CAP ELE SRE 10-50V	C782	87-010-197-080		CAP, CHIP 0.01 DM
C433	87-010-401-080		CAP, ELECT 1-50V	C783	87-010-197-080		CAP, CHIP 0.01 DM
C435	87-010-382-080		CAP, ELECT 22-25V	C784	87-010-197-080		CAP, CHIP 0.01 DM
C436	87-010-235-080		CAP,E 470-16 SME	C785	87-010-197-080		CAP, CHIP 0.01 DM
C439	87-010-154-080		CAP CHIP 10P	C786	87-010-197-080		CAP, CHIP 0.01 DM
C440	87-010-154-080		CAP CHIP 10P	C788	87-010-149-080		C-CAP,S 5P-50 CH
C442	87-010-401-080		CAP, ELECT 1-50V	C789	87-012-365-080		C-CAP,S 0.027-25VBK
C444	87-010-196-080		CHIP CAPACITOR,0.1-25	C790	87-012-365-080		C-CAP,S 0.027-25VBK
C445	87-010-196-080		CHIP CAPACITOR,0.1-25	C791	87-010-196-080		CHIP CAPACITOR,0.1-25
C446	87-010-154-080		CAP CHIP 10P	C792	87-010-197-080		CAP, CHIP 0.01 DM
C450	87-010-196-080		CHIP CAPACITOR,0.1-25	C793	87-010-404-080		CAP, ELECT 4.7-50V
C451	87-010-378-080		CAP, ELECT 10-16V	C795	87-010-197-080		CAP, CHIP 0.01 DM
C452	87-010-378-080		CAP, ELECT 10-16V	C796	87-010-197-080		CAP, CHIP 0.01 DM
C454	87-010-196-080		CHIP CAPACITOR,0.1-25	C797	87-010-405-080		CAP, ELECT 10-50V
C467	87-010-322-080		C-CAP,S 100P-50 J CH GRM	C798	87-010-197-080		CAP, CHIP 0.01 DM

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C799	87-010-407-080		CAP, ELECT 33-50V	L101	87-A50-610-010		COIL,1UH K(MDEC)
C800	87-012-369-080		C-CAP,S 0.047-50F	L102	87-A50-610-010		COIL,1UH K(MDEC)
C801	87-010-403-080		CAP, ELECT 3.3-50V	L301	87-A50-625-010		COIL,TRAP 85KHZ (SANWA)
C802	87-012-369-080		C-CAP,S 0.047-50F	L302	87-A50-625-010		COIL,TRAP 85KHZ (SANWA)
C803	87-010-198-080		CAP, CHIP 0.022	L351	87-007-342-010		COIL,OSC 85K BIAS
C804	87-010-263-080		CAP, ELECT 100-10V	L801	87-A50-608-010		COIL,FM DET-N(TOK)
C807	87-010-400-080		CAP, ELECT 0.47-50V	L802	87-A91-551-010		FLTR,PCFJZH-450 L(TOK)
C808	87-010-401-080		CAP, ELECT 1-50V	L811	87-005-847-080		COIL,2.2UH(CECS)
C809	87-010-401-080		CAP, ELECT 1-50V	L821	87-A50-209-010		COIL,1POLE MPX(MIT)
C810	87-010-196-080		CHIP CAPACITOR,0.1-25	L822	87-A50-209-010		COIL,1POLE MPX(MIT)
C811	87-010-403-080		CAP, ELECT 3.3-50V	L832	87-005-847-080		COIL,2.2UH(CECS)
C812	87-010-403-080		CAP, ELECT 3.3-50V	L951	8A-NF8-667-010		COIL,AM PACK 4(TOK)
C814	87-010-197-080		CAP, CHIP 0.01 DM	R25	87-A00-261-080		RES,M/F 0.56-1W J
C815	87-010-400-080		CAP, ELECT 0.47-50V	R161	87-A00-443-050		RES,390-1/2W J RP
C816	87-010-400-080		CAP, ELECT 0.47-50V	R162	87-A00-443-050		RES,390-1/2W J RP
C819	87-010-179-080		CAP,CHIP S B1200P	R163	87-A00-443-050		RES,390-1/2W J RP
C820	87-010-179-080		CAP,CHIP S B1200P	R164	87-A00-443-050		RES,390-1/2W J RP
C821	87-010-405-080		CAP, ELECT 10-50V	R401	87-A00-373-050		RES,M/F 270-1W J VTP
C823	87-010-177-080		C-CAP,S 820P-50 SL	R402	87-A00-373-050		RES,M/F 270-1W J VTP
C824	87-010-404-080		CAP, ELECT 4.7-50V	R403	87-A00-401-050		RES,M/F 390-1W J VTP
C825	87-010-596-080		CAP, S 0.047-16	R790	87-010-197-080		CAP, CHIP 0.01 DM
C842	87-010-197-080		CAP, CHIP 0.01 DM	R991	87-010-322-080		C-CAP,S 100P-50 CH
C844	87-010-197-080		CAP, CHIP 0.01 DM	R993	87-010-322-080		C-CAP,S 100P-50 CH
C850	87-010-260-080		CAP, ELECT 47-25V	R995	87-010-322-080		C-CAP,S 100P-50 CH
C851	87-010-197-080		CAP, CHIP 0.01 DM	SFR301	87-024-355-080		SFR,33K DIA6 H
C852	87-010-197-080		CAP, CHIP 0.01 DM	SFR302	87-024-355-080		SFR,33K DIA6 H
C853	87-010-197-080		CAP, CHIP 0.01 DM	SFR303	87-024-355-080		SFR,33K DIA6 H
C858	87-010-196-080		CHIP CAPACITOR,0.1-25	SFR304	87-024-355-080		SFR,33K DIA6 H
C859	87-010-196-080		CHIP CAPACITOR,0.1-25	SFR305	87-024-356-080		SFR,47K DIA6 H
C860	87-010-197-080		CAP, CHIP 0.01 DM	SFR306	87-024-356-080		SFR,47K DIA6 H
C959	87-010-196-080		CHIP CAPACITOR,0.1-25	SFR351	87-024-356-080		SFR,47K DIA6 H
C960	87-010-196-080		CHIP CAPACITOR,0.1-25	SFR352	87-024-356-080		SFR,47K DIA6 H
C961	87-010-152-080		C-CAP,S 8P-50 CH	WH1	87-A90-510-010		HLDR,WIRE 2.5-9P
C963	87-015-785-080		CHIP CAPACITOR, 0.1FZ-25Z	X991	87-A70-061-010		VIB,XTAL 4.500MHZ CSA-309
C971	87-010-381-080		CAP, ELECT 330-16V				
C972	87-010-404-080		CAP, ELECT 4.7-50V	DISPLAY C.B			
C973	87-010-197-080		CAP, CHIP 0.01 DM	C103	87-010-196-080		CHIP CAPACITOR,0.1-25
C974	87-010-197-080		CAP, CHIP 0.01 DM	C104	87-010-313-080		CAP, CHIP 18P
C979	87-010-322-080		C-CAP,S 100P-50 CH	C105	87-010-322-080		C-CAP,S 100P-50 CH
C981	87-010-260-080		CAP, ELECT 47-25V	C106	87-012-145-080		CAP, CHIP S 270P CH
C982	87-010-196-080		CHIP CAPACITOR,0.1-25	C107	87-012-157-080		C-CAP,S 330P-50 CH
C983	87-010-197-080		CAP, CHIP 0.01 DM	C108	87-015-681-040		E/CAP 10-16
C984	87-010-197-080		CAP, CHIP 0.01 DM	C109	87-010-401-040		CAP,E 1-50 SME
C987	87-010-197-080		CAP, CHIP 0.01 DM	C110	87-010-196-080		CHIP CAPACITOR,0.1-25
C991	87-010-312-080		C-CAP,S 15P-50 CH	C112	87-016-460-080		C-CAP,S 0.22-16 B
C992	87-010-312-080		C-CAP,S 15P-50 CH	C113	87-A10-189-040		CAP,E 220-10
C993	87-010-178-080		CHIP CAP 1000P				
C995	87-010-178-080		CHIP CAP 1000P	C114	87-010-196-080		CHIP CAPACITOR,0.1-25
C997	87-010-196-080		CHIP CAPACITOR,0.1-25	C115	87-010-198-080		CAP, CHIP 0.022
C998	87-010-260-080		CAP, ELECT 47-25V	C116	87-010-493-040		CAP,E 0.47-50 GAS
C999	87-A11-155-080		CAP,TC U 0.01-16 Z F	C117	87-010-498-040		CAP,E 10-16 GAS
CF831	87-008-261-010		FILTER, SFE10.7MA5-A	C118	87-010-194-080		CAP, CHIP 0.047
CF832	87-008-261-010		FILTER, SFE10.7MA5-A	C119	87-A10-797-040		CAP,E 47-35 M 5L SRM
CN91	87-A60-619-010		CONN,2P V 2MM JMT	C120	87-015-699-040		CAP,E 10-50 7L
CN92	87-A60-619-010		CONN,2P V 2MM JMT	C121	87-015-699-040		CAP,E 10-50 7L
CN101	87-A60-996-010		CONN,13P V BLK TAC-L13X-A3	C122	87-010-197-080		CAP, CHIP 0.01 DM
CN301	87-A60-620-010		CONN,3P V 2MM JMT	C123	87-010-196-080		CHIP CAPACITOR,0.1-25
CN351	87-A60-625-010		CONN,8P V 2MM JMT	C125	87-010-196-080		CHIP CAPACITOR,0.1-25
CN601	87-099-719-010		CONN,30P TYK-B(X)	C128	87-010-178-080		CHIP CAP 1000P
CN602	87-A60-131-010		CONN,6P V FE	C129	87-010-194-080		C-CAP,S 0.047-25 Z F
CN605	87-099-568-010		CONN,11P TUC-P11P-B1	C131	87-A10-189-040		CAP,E 220-10
CNA1	8A-NF8-653-010		CONN ASSY,9P TID-A(480)	C132	87-A10-189-040		CAP,E 220-10
CNA2	8A-NF3-640-110		CONN ASSY,3P (VM) ANF-3	C151	87-010-194-080		CAP, CHIP 0.047
CNA811	8Z-NFD-648-010		CONN,ASSY 10P	C192	87-015-785-080		CHIP CAPACITOR, 0.1FZ-25Z
CNA812	8Z-NFD-645-010		CONN,ASSY 10P	C196	87-010-194-080		CAP, CHIP 0.047
FFE831	A8-8ZA-190-030		8ZA-1 FEUNM	C197	87-010-194-080		CAP, CHIP 0.047
J102	87-A60-238-010		TERMINAL,SP 4P (MSC)	C213	87-A10-189-040		CAP,E 220-10
J103	87-A60-483-010		JACK,DIA6.3 BLK ST W/S KM	C301	87-010-318-080		C-CAP,S 47P-50 CH
J601	87-A60-885-010		JACK,PIN 6P R/W MSC	C303	87-016-460-080		C-CAP,S 0.22-16 B
J831	87-A60-202-010		TERMINAL,ANT 4P MSP-154V-02	C304	87-016-460-080		C-CAP,S 0.22-16 B

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C305	87-010-196-080		CHIP CAPACITOR,0.1-25	LED462	87-A40-317-080		LED,SLR-342VCT31 RED
C306	87-010-196-080		CHIP CAPACITOR,0.1-25	LED463	87-A40-317-080		LED,SLR-342VCT31 RED
C310	87-010-067-040		CAP,E 0.1-50 5L	LED464	87-A40-317-080		LED,SLR-342VCT31 RED
C701	87-010-981-040		CAP,E 22-35 5L SRE	LED465	87-A40-317-080		LED,SLR-342VCT31 RED
C901	87-012-157-080		C-CAP,S 330P-50 CH	LED521	87-A40-678-010		LED,SELU1E10CXM BLUE-DEF
C902	87-010-176-080		C-CAP,S 680P-50 SL	LED522	87-A40-678-010		LED,SELU1E10CXM BLUE-DEF
C903	87-010-176-080		C-CAP,S 680P-50 SL	S201	87-A90-095-080		SW,TACT EVQ11G04M
C904	87-010-176-080		C-CAP,S 680P-50 SL	S202	87-A90-095-080		SW,TACT EVQ11G04M
C905	87-010-176-080		C-CAP,S 680P-50 SL	S203	87-A90-095-080		SW,TACT EVQ11G04M
C906	87-010-176-080		C-CAP,S 680P-50 SL	S204	87-A90-095-080		SW,TACT EVQ11G04M
C907	87-010-176-080		C-CAP,S 680P-50 SL	S205	87-A90-095-080		SW,TACT EVQ11G04M
C908	87-010-176-080		C-CAP,S 680P-50 SL	S206	87-A90-095-080		SW,TACT EVQ11G04M
C909	87-010-176-080		C-CAP,S 680P-50 SL	S207	87-A90-095-080		SW,TACT EVQ11G04M
C910	87-010-176-080		C-CAP,S 680P-50 SL	S208	87-A90-095-080		SW,TACT EVQ11G04M
C911	87-010-176-080		C-CAP,S 680P-50 SL	S211	87-A90-095-080		SW,TACT EVQ11G04M
C912	87-010-176-080		C-CAP,S 680P-50 SL	S214	87-A90-095-080		SW,TACT EVQ11G04M
C913	87-010-176-080		C-CAP,S 680P-50 SL	S216	87-A90-095-080		SW,TACT EVQ11G04M
C914	87-012-145-080		CAP,CHIP S 270P CH	S217	87-A90-095-080		SW,TACT EVQ11G04M
C934	87-012-156-080		C-CAP,S 220P-50 J CH GRM	S221	87-A90-095-080		SW,TACT EVQ11G04M
C935	87-012-156-080		C-CAP,S 220P-50 J CH GRM	S222	87-A90-095-080		SW,TACT EVQ11G04M
C936	87-012-156-080		C-CAP,S 220P-50 J CH GRM	S223	87-A90-095-080		SW,TACT EVQ11G04M
C991	87-010-322-080		C-CAP,S 100P-50 CH	S224	87-A90-095-080		SW,TACT EVQ11G04M
CN101	87-099-720-010		CONN,30P TYK-B(P)	S225	87-A90-095-080		SW,TACT EVQ11G04M
CN102	87-A60-054-010		CONN,14P V 9604S-14C	S228	87-A90-095-080		SW,TACT EVQ11G04M
CN103	87-A60-141-010		CONN,16P V FE	S229	87-A90-095-080		SW,TACT EVQ11G04M
CN401	87-099-028-010		CONN,11P H BLK 6216	S230	87-A90-095-080		SW,TACT EVQ11G04M
CN601	87-A60-062-010		CONN,05P V 9604S-05C	S231	87-A90-095-080		SW,TACT EVQ11G04M
CN701	87-099-750-010		CONN,15P V 9604SC	S232	87-A90-095-080		SW,TACT EVQ11G04M
FFC102	88-914-481-110		FF-CABLE,14P 1.25	S233	87-A90-095-080		SW,TACT EVQ11G04M
FFC601	88-905-081-110		FF-CABLE,5P 1.25	S241	87-A90-095-080		SW,TACT EVQ11G04M
FFC701	88-915-161-110		FF-CABLE,15P 1.25	S242	87-A90-095-080		SW,TACT EVQ11G04M
FL101	8A-NFE-613-010		FL,BJ784GK-ANF14	S243	87-A90-095-080		SW,TACT EVQ11G04M
JW315	87-A90-896-080		F-BEAD, 035600STY7	S244	87-A90-095-080		SW,TACT EVQ11G04M
JW316	87-A90-896-080		F-BEAD, 035600STY7	S245	87-A90-095-080		SW,TACT EVQ11G04M
L101	87-A50-333-010		COIL,OSC 9.43MHZ	S246	87-A90-095-080		SW,TACT EVQ11G04M
CONTROL C.B				S247	87-A90-095-080		SW,TACT EVQ11G04M
C161	87-010-178-080		CHIP CAP 1000P	S248	87-A90-095-080		SW,TACT EVQ11G04M
C162	87-012-156-080		C-CAP,S 220P-50 CH	S249	87-A90-095-080		SW,TACT EVQ11G04M
C401	87-010-196-080		CHIP CAPACITOR,0.1-25	S250	87-A90-095-080		SW,TACT EVQ11G04M
C407	87-010-322-080		C-CAP,S 100P-50 CH	S251	87-A90-095-080		SW,TACT EVQ11G04M
C410	87-010-196-080		CHIP CAPACITOR,0.1-25	SW501	87-A91-739-010		SW,RTRY BC12E12404-25MM RT
C417	87-010-322-080		C-CAP,S 100P-50 CH	AMP 1F C.B			
C423	87-010-196-080		CHIP CAPACITOR,0.1-25	C101	87-010-183-080		C-CAP,S 2700P-50 B
C424	87-010-196-080		CHIP CAPACITOR,0.1-25	C102	87-010-183-080		C-CAP,S 2700P-50 B
CN104	87-099-018-010		CONN,16P	C103	87-010-405-080		CAP, ELECT 10-50V
CN302	87-A60-059-010		CONN,08P V 9604S-08C	C104	87-010-405-080		CAP, ELECT 10-50V
FFC104	88-916-161-110		FF-CABLE,16P 1.25	C105	87-010-186-080		CAP,CHIP 4700P
FFC302	88-908-381-110		FF-CABLE,8P 1.25	C106	87-010-186-080		CAP,CHIP 4700P
LED101	87-A40-317-080		LED,SLR-342VCT31 RED	C107	87-010-408-080		CAP, ELECT 47-50
LED421	87-A40-831-010		LED,SELU1E10CXM-LF70 BLUE-DEF	C108	87-010-408-080		CAP, ELECT 47-50
LED422	87-A40-831-010		LED,SELU1E10CXM-LF70 BLUE-DEF	C111	87-010-322-080		C-CAP,S 100P-50 CH
LED440	87-A40-380-180		LED,SEL6510C-TP5 GRN	C112	87-010-322-080		C-CAP,S 100P-50 CH
LED441	87-A40-380-180		LED,SEL6510C-TP5 GRN	C113	87-A10-812-080		C-CAP,S 220P-200 J CH
LED442	87-A40-380-180		LED,SEL6510C-TP5 GRN	C114	87-A10-812-080		C-CAP,S 220P-200 J CH
LED443	87-A40-380-180		LED,SEL6510C-TP5 GRN	C119	87-010-197-080		CAP, CHIP 0.01 DM
LED444	87-A40-380-180		LED,SEL6510C-TP5 GRN	C120	87-010-197-080		CAP, CHIP 0.01 DM
LED445	87-A40-380-180		LED,SEL6510C-TP5 GRN	C121	87-010-260-080		CAP, ELECT 47-25V
LED446	87-A40-380-180		LED,SEL6510C-TP5 GRN	C122	87-010-260-080		CAP, ELECT 47-25V
LED447	87-A40-380-180		LED,SEL6510C-TP5 GRN	C173	87-010-186-080		CAP,CHIP 4700P
LED448	87-A40-380-180		LED,SEL6510C-TP5 GRN	C174	87-010-186-080		CAP,CHIP 4700P
LED449	87-A40-380-180		LED,SEL6510C-TP5 GRN	C249	87-012-368-080		C-CAP,S 0.1-50 F
LED451	87-A40-809-040		LED,LTL-307KK PGRN	C402	87-010-196-080		CHIP CAPACITOR,0.1-25
LED452	87-A40-809-040		LED,LTL-307KK PGRN	C413	87-A10-119-080		CAP,E 10-100 REA
LED453	87-A40-809-040		LED,LTL-307KK PGRN	C414	87-A10-119-080		CAP,E 10-100 REA
LED454	87-A40-809-040		LED,LTL-307KK PGRN	CNA101	8A-NF8-652-010		CONN ASSY,7P TID-A(480)
LED455	87-A40-809-040		LED,LTL-307KK PGRN	CNA102	8A-NF8-655-010		CONN ASSY,7P TID-A(150)
LED456	87-A40-809-040		LED,LTL-307KK PGRN	CON101	87-A61-011-010		CONN,13P H BLK TAC-L13P-A3
LED461	87-A40-317-080		LED,SLR-342VCT31 RED				

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
CON102	87-A61-011-010		CONN,13P H BLK TAC-L13P-A3	C101	87-010-196-080		CHIP CAPACITOR,0.1-25
CON103	87-A60-058-010		CONN,10P V 9604S-10C	C102	87-010-374-080		CAP, ELECT 47-10V
R161	87-A00-418-010		RES,M/F 0.15-3W J	C103	87-010-314-080		C-CAP,S 22P-50V
R162	87-A00-418-010		RES,M/F 0.15-3W J	C104	87-010-313-080		CAP, CHIP 18P
R165	87-A00-418-010		RES,M/F 0.15-3W J	C105	87-010-196-080		CHIP CAPACITOR,0.1-25
R166	87-A00-418-010		RES,M/F 0.15-3W J	C106	87-010-197-080		CAP, CHIP 0.01 DM
RY201	87-A91-686-010		RELAY, G5PA-28 (OMRON)	C107	87-010-196-080		CHIP CAPACITOR,0.1-25
TH101	87-A91-042-080		C-THMS,100K 55001	C108	87-010-196-080		CHIP CAPACITOR,0.1-25
TH102	87-A91-042-080		C-THMS,100K 55001	C109	87-010-196-080		CHIP CAPACITOR,0.1-25
WH101	87-A90-460-010		HLDR,WIRE 2.5-7P	C110	87-010-196-080		CHIP CAPACITOR,0.1-25
WH102	87-A90-460-010		HLDR,WIRE 2.5-7P	C111	87-010-196-080		CHIP CAPACITOR,0.1-25
AMP 2F C.B				C112	87-010-404-080		CAP, ELECT 4.7-50V
C101	87-010-178-080		CHIP CAP 1000P	C113	87-010-196-080		CHIP CAPACITOR,0.1-25
C102	87-010-178-080		CHIP CAP 1000P	C114	87-010-196-080		CHIP CAPACITOR,0.1-25
C103	87-010-405-080		CAP, ELECT 10-50V	C115	87-010-374-080		CAP, ELECT 47-10V
C104	87-010-405-080		CAP, ELECT 10-50V	C116	87-012-140-080		CAP 470P
C107	87-010-405-080		CAP, ELECT 10-50V	C117	87-010-198-080		CAP, CHIP 0.022
C108	87-010-405-080		CAP, ELECT 10-50V	C118	87-010-401-080		CAP, ELECT 1-50V
C111	87-010-176-080		C-CAP,S 680P-50 SL	C119	87-010-196-080		CHIP CAPACITOR,0.1-25
C112	87-010-176-080		C-CAP,S 680P-50 SL	C120	87-010-196-080		CHIP CAPACITOR,0.1-25
C113	87-010-260-080		CAP, ELECT 47-25V	C121	87-010-401-080		CAP, ELECT 1-50V
C114	87-010-260-080		CAP, ELECT 47-25V	C122	87-010-311-080		CAP 12P
C115	87-010-405-080		CAP, ELECT 10-50V	C123	87-010-311-080		CAP 12P
C116	87-010-405-080		CAP, ELECT 10-50V	C124	87-010-263-080		CAP, ELECT 100-10V
C118	87-010-196-080		CHIP CAPACITOR,0.1-25	C125	87-010-196-080		CHIP CAPACITOR,0.1-25
C119	87-010-196-080		CHIP CAPACITOR,0.1-25	C126	87-010-196-080		CHIP CAPACITOR,0.1-25
C121	87-010-190-080		S CHIP F 0.01	C127	87-010-555-040		CAP,E 100-10 GAS
C122	87-010-190-080		S CHIP F 0.01	C128	87-010-196-080		CHIP CAPACITOR,0.1-25
C151	87-012-368-080		C-CAP,S 0.1-50 F	C129	87-010-384-080		CAP, ELECT 100-25V
C152	87-012-368-080		C-CAP,S 0.1-50 F	C131	87-010-263-080		CAP, ELECT 100-10V
C153	87-A11-595-080		C-CAP,S 0.056-50 K B	C132	87-010-401-080		CAP, ELECT 1-50V
C154	87-A11-595-080		C-CAP,S 0.056-50 K B	C133	87-012-368-080		C-CAP,S 0.1-50 Z F
C155	87-010-190-080		S CHIP F 0.01	C134	87-010-196-080		CHIP CAPACITOR,0.1-25
C156	87-010-190-080		S CHIP F 0.01	C135	87-010-405-080		CAP, ELECT 10-50V
C157	87-010-190-080		S CHIP F 0.01	C136	87-010-405-080		CAP, ELECT 10-50V
C160	87-010-186-080		CAP,CHIP 4700P	C139	87-010-314-080		C-CAP,S 22P-50V
C161	87-010-186-080		CAP,CHIP 4700P	C140	87-010-552-040		CAP,E 22-16 GAS
C201	87-010-181-080		CAP,CHIP 1800P	C141	87-010-196-080		CHIP CAPACITOR,0.1-25
C202	87-010-258-080		CAP,E 22-35 SME	C142	87-010-182-080		C-CAP,S 2200P-50 B
C203	87-010-322-080		C-CAP,S 100P-50 CH	C143	87-010-196-080		CHIP CAPACITOR,0.1-25
C204	87-015-685-080		CAP,E 10-25 7L	C144	87-010-312-080		C-CAP,S 15P-50 CH
C205	87-010-260-080		CAP, ELECT 47-25V	C145	87-012-154-080		C-CAP,S 150P-50 CH
C206	87-012-156-080		C-CAP,S 220P-50 CH	C146	87-012-154-080		C-CAP,S 150P-50 CH
C208	87-010-197-080		CAP, CHIP 0.01 DM	C147	87-010-405-080		CAP, ELECT 10-50V
C209	87-010-260-080		CAP, ELECT 47-25V	C148	87-010-196-080		CHIP CAPACITOR,0.1-25
C210	87-010-260-080		CAP, ELECT 47-25V	C149	87-010-196-080		CHIP CAPACITOR,0.1-25
C251	87-012-368-080		C-CAP,S 0.1-50 F	C150	87-010-405-080		CAP, ELECT 10-50V
C252	87-A11-595-080		C-CAP,S 0.056-50 K B	C151	87-010-405-080		CAP, ELECT 10-50V
C253	87-A11-595-080		C-CAP,S 0.056-50 K B	C152	87-010-405-080		CAP, ELECT 10-50V
C258	87-010-178-080		CHIP CAP 1000P	C153	87-010-178-080		CHIP CAP 1000P
CN101	87-A61-109-010		CONN,7P V TID-A	C154	87-010-178-080		CHIP CAP 1000P
CN102	87-A60-135-010		CONN,10P V FE	C155	87-A10-369-080		C-CAP,S 0.47-16 K B
FFC102	88-910-201-110		FF-CABLE,10P 1.25 200MM	C157	87-012-154-080		C-CAP,S 150P-50 CH
J101	87-A61-159-010		JACK,PIN 4P R/W/B/0 KM	C158	87-012-154-080		C-CAP,S 150P-50 CH
L151	87-A50-610-010		COIL,1UH K(MDEC)	C159	87-010-178-080		CHIP CAP 1000P
L152	87-A50-610-010		COIL,1UH K(MDEC)	C160	87-010-178-080		CHIP CAP 1000P
L251	87-A50-610-010		COIL,1UH K(MDEC)	C161	87-010-405-080		CAP, ELECT 10-50V
R131	87-A00-258-080		RES,M/F 0.22-1W J	C162	87-010-405-080		CAP, ELECT 10-50V
R132	87-A00-258-080		RES,M/F 0.22-1W J	C163	87-010-196-080		CHIP CAPACITOR,0.1-25
R171	87-A00-258-080		RES,M/F 0.22-1W J	C164	87-010-196-080		CHIP CAPACITOR,0.1-25
R172	87-A00-258-080		RES,M/F 0.22-1W J	C165	87-A10-369-080		C-CAP,S 0.47-16 K B
R218	87-A00-257-080		RES,M/F 0.15-1W J	C166	87-010-405-080		CAP, ELECT 10-50V
R278	87-A00-257-080		RES,M/F 0.15-1W J	C167	87-010-405-080		CAP, ELECT 10-50V
TH201	87-A91-042-080		C-THMS,100K 55001	C169	87-012-154-080		C-CAP,S 150P-50 CH
AC-3 C.B				C170	87-012-154-080		C-CAP,S 150P-50 CH
C171	87-010-178-080		CHIP CAP 1000P	C171	87-010-178-080		CHIP CAP 1000P
C172	87-010-178-080		CHIP CAP 1000P	C172	87-010-178-080		CHIP CAP 1000P
C173	87-018-209-080		CAP, CER 0.1-50V	C173	87-018-209-080		CAP, CER 0.1-50V
C174	87-010-196-080		CHIP CAPACITOR,0.1-25	C174	87-010-196-080		CHIP CAPACITOR,0.1-25
C175	87-010-196-080		CHIP CAPACITOR,0.1-25	C175	87-010-196-080		CHIP CAPACITOR,0.1-25

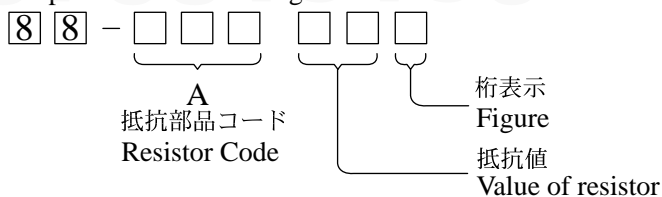
REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C177	87-A10-369-080		C-CAP,S 0.47-16 K B	C308	87-016-669-080		C-CAP,S 0.1-25 K B
C178	87-010-196-080		CHIP CAPACITOR,0.1-25	C309	87-010-184-080		CHIP CAPACITOR 3300P(K)
C179	87-010-196-080		CHIP CAPACITOR,0.1-25	C310	87-010-183-080		C-CAP,S 2700P-50 B
C180	87-010-405-080		CAP, ELECT 10-50V	C311	87-012-393-080		C-CAP,S 0.22-16 R K
C181	87-010-405-080		CAP, ELECT 10-50V	C312	87-010-374-080		CAP, ELECT 47-10V
C182	87-010-405-080		CAP, ELECT 10-50V	C313	87-A10-060-080		CHIP CAPACITOR,0.18-16
C183	87-010-196-080		CHIP CAPACITOR,0.1-25	C315	87-010-374-080		CAP, ELECT 47-10V
C184	87-010-196-080		CHIP CAPACITOR,0.1-25	C316	87-010-374-080		CAP, ELECT 47-10V
C185	87-010-405-080		CAP, ELECT 10-50V	C317	87-010-183-080		C-CAP,S 2700P-50 B
C186	87-010-405-080		CAP, ELECT 10-50V	C318	87-010-183-080		C-CAP,S 2700P-50 B
C187	87-010-196-080		CHIP CAPACITOR,0.1-25	C319	87-010-545-080		CAP, ELECT 0.22-50V
C188	87-010-196-080		CHIP CAPACITOR,0.1-25	C320	87-010-196-080		CHIP CAPACITOR,0.1-25
C189	87-010-196-080		CHIP CAPACITOR,0.1-25	C321	87-010-263-080		CAP, ELECT 100-10V
C190	87-010-405-080		CAP, ELECT 10-50V	C401	87-010-196-080		CHIP CAPACITOR,0.1-25
C191	87-010-196-080		CHIP CAPACITOR,0.1-25	C402	87-010-404-080		CAP, ELECT 4.7-50V
C192	87-010-196-080		CHIP CAPACITOR,0.1-25	C403	87-010-401-080		CAP, ELECT 1-50V
C193	87-010-154-080		CAP CHIP 10P	C405	87-018-147-080		CAP,TC-U 10P-50 CH
C194	87-010-154-080		CAP CHIP 10P	C502	87-010-322-080		C-CAP,S 100P-50 CH
C195	87-010-405-080		CAP, ELECT 10-50V	C504	87-010-196-080		CHIP CAPACITOR,0.1-25
C196	87-010-196-080		CHIP CAPACITOR,0.1-25	C506	87-010-322-080		C-CAP,S 100P-50 CH
C197	87-010-405-080		CAP, ELECT 10-50V	C508	87-018-131-080		CAP, CER 1000P-50V
C198	87-010-196-080		CHIP CAPACITOR,0.1-25	C510	87-018-131-080		CAP, CER 1000P-50V
C199	87-A10-369-080		C-CAP,S 0.47-16 K B	C511	87-018-113-080		CAP, CER 33P-50V
C201	87-010-154-080		CAP CHIP 10P	C512	87-A11-132-080		CAP,TC U 0.01-50 K B
C202	87-010-154-080		CAP CHIP 10P	C513	87-010-197-080		C-CAP,S 0.01-25 K B C2012
C203	87-010-196-080		CHIP CAPACITOR,0.1-25	CN101	87-A60-057-010		CONN,11P V 9604S-11C
C204	87-010-196-080		CHIP CAPACITOR,0.1-25	CN102	87-A60-627-010		CONN,ASSY 10P
C205	87-A10-369-080		C-CAP,S 0.47-16 K B	CN103	88-AR1-658-010		CONN ASSY,2P (AC-3)
C206	87-010-401-080		CAP, ELECT 1-50V	CN105	87-A60-627-010		CONN,ASSY 10P
C207	87-010-405-080		CAP, ELECT 10-50V	FB102	87-008-372-080		FILTER, EMI BL OIRNI
C208	87-010-405-080		CAP, ELECT 10-50V	FB103	87-008-372-080		FILTER, EMI BL OIRNI
C209	87-010-154-080		CAP CHIP 10P	FB104	87-008-372-080		FILTER, EMI BL OIRNI
C210	87-010-154-080		CAP CHIP 10P	FB105	87-008-372-080		FILTER, EMI BL OIRNI
C211	87-010-196-080		CHIP CAPACITOR,0.1-25	FB106	87-008-372-080		FILTER, EMI BL OIRNI
C212	87-010-196-080		CHIP CAPACITOR,0.1-25	FB107	87-008-474-080		F-BEAD,EMI BL02RN1
C213	87-A10-369-080		C-CAP,S 0.47-16 K B	FB108	87-008-474-080		F-BEAD,EMI BL02RN1
C214	87-010-405-080		CAP, ELECT 10-50V	FB109	87-008-474-080		F-BEAD,EMI BL02RN1
C215	87-010-405-080		CAP, ELECT 10-50V	FB110	87-003-223-080		FERRITE BEAD BL02RN2
C216	87-010-405-080		CAP, ELECT 10-50V	FB112	87-003-223-080		FERRITE BEAD BL02RN2
C217	87-A10-793-080		C-CAP,S 0.12-16 K B	FFC101	88-911-251-110		FF-CABLE,11P 1.25 25
C218	87-A10-793-080		C-CAP,S 0.12-16 K B	J101	87-A60-573-010		JACK,PIN 1P ORN
C219	87-010-993-080		C-CAP,S 0.056-25 B	L102	87-A50-095-010		COIL,68UH RCR875D
C220	87-A10-369-080		C-CAP,S 0.47-16 K B	L103	87-005-274-080		COIL,68UH K LAL03
C222	87-010-196-080		CHIP CAPACITOR,0.1-25	L104	87-008-501-080		FLTR,DSS306-B101
C224	87-010-196-080		CHIP CAPACITOR,0.1-25	L105	87-008-501-080		FLTR,DSS306-B101
C225	87-012-155-080		C-CAP 180P-50CH	L106	87-003-097-080		COIL,1UH
C226	87-012-155-080		C-CAP 180P-50CH	X101	87-A70-116-010		VIB,XTAL 10.00MHZ
C227	87-010-405-080		CAP, ELECT 10-50V	X102	87-A70-115-010		VIB,XTAL 12.288MHZ
C228	87-010-405-080		CAP, ELECT 10-50V				
C230	87-010-196-080		CHIP CAPACITOR,0.1-25	PT C. B			
C232	87-010-196-080		CHIP CAPACITOR,0.1-25	C1	87-010-387-080		CAP,E 470-25 SME
C236	87-010-196-080		CHIP CAPACITOR,0.1-25	C4	87-A11-148-080		CAP,TC U 0.1-50 Z F
C237	87-010-196-080		CHIP CAPACITOR,0.1-25	C5	87-A11-148-080		CAP,TC U 0.1-50 Z F
C238	87-010-314-080		C-CAP,S 22P-50V	C6	87-010-917-000		CAP,E 3300-50 M SMG
C239	87-010-196-080		CHIP CAPACITOR,0.1-25	C7	87-010-917-000		CAP,E 3300-50 M SMG
C240	87-010-314-080		C-CAP,S 22P-50V	C8	87-A11-148-080		CAP,TC U 0.1-50 Z F
C241	87-010-405-080		CAP, ELECT 10-50V	C9	87-A11-148-080		CAP,TC U 0.1-50 Z F
C242	87-010-196-080		CHIP CAPACITOR,0.1-25	C10	87-A11-148-080		CAP,TC U 0.1-50 Z F
C243	87-010-322-080		C-CAP,S 100P-50 CH	C11	87-A11-148-080		CAP,TC U 0.1-50 Z F
C244	87-010-196-080		CHIP CAPACITOR,0.1-25	C12	87-010-917-000		CAP,E 3300-50 M SMG
C260	87-010-378-080		CAP, ELECT 10-16V	C13	87-010-917-000		CAP,E 3300-50 M SMG
C261	87-010-196-080		CHIP CAPACITOR,0.1-25	C16	87-010-403-040		CAP,E 3.3-50 SME
C270	87-012-155-080		C-CAP 180P-50CH	C18	87-A11-148-080		CAP,TC U 0.1-50 Z F
C301	87-012-393-080		C-CAP,S 0.22-16 R K	C19	87-A11-148-080		CAP,TC U 0.1-50 Z F
C302	87-012-393-080		C-CAP,S 0.22-16 R K	C20	87-A11-148-080		CAP,TC U 0.1-50 Z F
C303	87-010-196-080		CHIP CAPACITOR,0.1-25	C21	87-A11-148-080		CAP,TC U 0.1-50 Z F
C304	87-012-393-080		C-CAP,S 0.22-16 R K	C22	87-A10-231-090		CAP,E 3300-80
C305	87-010-184-080		CHIP CAPACITOR 3300P(K)	C23	87-A10-231-090		CAP,E 3300-80
C306	87-010-183-080		C-CAP,S 2700P-50 B	C24	87-A11-148-080		CAP,TC U 0.1-50 Z F
C307	87-016-669-080		C-CAP,S 0.1-25 K B				

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C24	87-A11-148-080		CAP,TC U 0.1-50 Z F	CD KEY C.B			
C25	87-A11-148-080		CAP,TC U 0.1-50 Z F	CN301	87-A60-079-010		CONN,08P H 9604S-08F
C27	87-A11-148-080		CAP,TC U 0.1-50 Z F	LED311	87-A40-380-180		LED,SEL6510C-TP5 GRN
C28	87-A11-148-080		CAP,TC U 0.1-50 Z F	LED312	87-A40-380-180		LED,SEL6510C-TP5 GRN
C29	87-A11-148-080		CAP,TC U 0.1-50 Z F	LED313	87-A40-380-180		LED,SEL6510C-TP5 GRN
				LED314	87-A40-380-180		LED,SEL6510C-TP5 GRN
C30	87-A11-148-080		CAP,TC U 0.1-50 Z F	LED315	87-A40-380-180		LED,SEL6510C-TP5 GRN
C31	87-A11-148-080		CAP,TC U 0.1-50 Z F	S311	87-A90-095-080		SW,TACT EVQ11G04M
C32	87-A11-148-080		CAP,TC U 0.1-50 Z F	S312	87-A90-095-080		SW,TACT EVQ11G04M
C33	87-A11-148-080		CAP,TC U 0.1-50 Z F	S313	87-A90-095-080		SW,TACT EVQ11G04M
C34	87-A11-148-080		CAP,TC U 0.1-50 Z F	S314	87-A90-095-080		SW,TACT EVQ11G04M
C35	87-A11-148-080		CAP,TC U 0.1-50 Z F	S315	87-A90-095-080		SW,TACT EVQ11G04M
C36	87-A11-148-080		CAP,TC U 0.1-50 Z F	S316	87-A90-095-080		SW,TACT EVQ11G04M
C37	87-A11-148-080		CAP,TC U 0.1-50 Z F	S317	87-A90-095-080		SW,TACT EVQ11G04M
C38	87-A11-148-080		CAP,TC U 0.1-50 Z F				
CN1	87-A61-110-010		CONN,9P V TID-A	VOLUME C.B			
CN2	87-A61-109-010		CONN,7P V TID-A	C501	87-010-178-080		CHIP CAP 1000P
F1	87-035-494-010		FUSE,10A 125V T237	C502	87-012-156-080		C-CAP,S 220P-50 CH
FC1	87-033-213-080		CLAMP, FUSE	C531	87-010-196-080		CHIP CAPACITOR,0.1-25
FC2	87-033-213-080		CLAMP, FUSE	C532	87-010-196-080		CHIP CAPACITOR,0.1-25
PR1	87-026-691-080		FUSE,10A 125V 251	S511	87-A90-095-080		SW,TACT EVQ11G04M
PR2	87-026-691-080		FUSE,10A 125V 251	S512	87-A90-095-080		SW,TACT EVQ11G04M
PR3	87-A90-210-080		FUSE,7A 125V 251	S513	87-A90-095-080		SW,TACT EVQ11G04M
PR4	87-A90-210-080		FUSE,7A 125V 251	S514	87-A90-095-080		SW,TACT EVQ11G04M
PR5	87-A90-210-080		FUSE,7A 125V 251	S515	87-A90-095-080		SW,TACT EVQ11G04M
PR6	87-A90-210-080		FUSE,7A 125V 251	SW101	87-A91-740-010		SW,RTRY EC12E24308-30MM
PR7	87-026-691-080		FUSE,10A 125V 251	MIC C.B			
PR8	87-026-691-080		FUSE,10A 125V 251	C601	87-010-196-080		CHIP CAPACITOR,0.1-25
PT1	8A-NFE-601-010		PT,U EI105-60 ANF-14	C602	87-010-186-080		CAP,CHIP 4700P
PT2	8A-NF8-661-010		PT,SUB ANF-8 (U)	C603	87-010-112-040		CAP,E 100-16
RY1	87-A90-976-010		RELAY,AC12V SDT-S-112LMR	C604	87-010-405-040		CAP,E 10-50
T1	87-A60-317-010		TERMINAL, 1P MSC	C605	87-010-546-040		CAP,E 0.33-50
T2	87-A60-317-010		TERMINAL, 1P MSC	C606	87-010-320-080		CHIP CAP 68P
GEQ C.B				C608	87-012-157-080		C-CAP,S 330P-50 CH
C201	87-010-402-080		CAP, ELECT 2.2-50V	C621	87-010-178-080		CHIP CAP 1000P
C202	87-010-402-080		CAP, ELECT 2.2-50V	CN602	87-A60-082-010		CONN,05P H 9604S-05F
C205	87-010-404-080		CAP, ELECT 4.7-50V	FB601	87-003-098-080		COIL,2.2UH
C207	87-016-669-080		C-CAP,S 0.1-25 K B	J601	87-A61-242-010		JACK,6.3 BLK MONO W/SW V KM
C208	87-016-669-080		C-CAP,S 0.1-25 K B	J602	87-A61-242-010		JACK,6.3 BLK MONO W/SW V KM
C209	87-016-460-080		C-CAP,S 0.22-16 B	DECK C.B			
C210	87-016-460-080		C-CAP,S 0.22-16 B	CON105	87-099-756-010		CONN,15P 9604 S F
C211	87-012-365-080		C-CAP,S 0.027-25VBK	SFR1	87-024-581-010		SFR,3.3K DIA 6H
C212	87-012-365-080		C-CAP,S 0.027-25VBK	SOL1	82-ZM1-618-410		SOL ASSY,27
C213	87-010-956-080		CHIP-CAP,S 0.068-25B	SOL2	82-ZM1-618-410		SOL ASSY,27
C214	87-010-956-080		CHIP-CAP,S 0.068-25B	SW1	87-A90-248-010		SW,MICRO ESE11SH2CXQ
C215	87-010-197-080		CAP, CHIP 0.01 DM	SW2	87-A90-248-010		SW,MICRO ESE11SH2CXQ
C216	87-010-197-080		CAP, CHIP 0.01 DM	SW3	87-A90-248-010		SW,MICRO ESE11SH2CXQ
C217	87-010-198-080		CAP, CHIP 0.022	SW4	87-036-110-010		SW,MICRO SPPB62
C218	87-010-198-080		CAP, CHIP 0.022	SW5	87-036-110-010		SW,MICRO SPPB62
C219	87-010-183-080		C-CAP,S 2700P-50 B	SW6	87-036-110-010		SW,MICRO SPPB62
C220	87-010-183-080		C-CAP,S 2700P-50 B	SW8	87-A90-248-010		SW,MICRO ESE11SH2CXQ
C221	87-010-188-080		CAP,CHIP 6800P	SW9	87-A90-248-010		SW,MICRO ESE11SH2CXQ
C222	87-010-188-080		CAP,CHIP 6800P	W1	82-ZM3-601-010		RBN,CORD,4P-75
C223	87-010-178-080		CHIP CAP 1000P	HEAD-1 C.B			
C224	87-010-178-080		CHIP CAP 1000P	85-ZM3-602-010			PWB,FLEX A
C225	87-010-182-080		C-CAP,S 2200P-50 B	HEAD-2 C.B			
C226	87-010-182-080		C-CAP,S 2200P-50 B	CON351	87-NF6-616-010		CONN ASSY,8P-RPB
C227	87-010-112-080		CAP, ELECT 100-16V				
C228	87-010-196-080		CHIP CAPACITOR,0.1-25				
C229	87-010-322-080		C-CAP,S 100P-50 CH				
C230	87-010-322-080		C-CAP,S 100P-50 CH				
C231	87-010-322-080		C-CAP,S 100P-50 CH				
CN201	87-A60-546-010		CONN,11P H GRY TUC-P11X-C1				
VM C.B							
CNA3	87-049-919-010		CONN,3P EH V WHT				

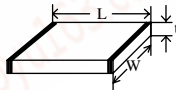
チップ抵抗部品コード／CHIP RESISTOR PART CODE

チップ抵抗部品コードの成り立ち

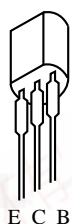
Chip Resistor Part Coding



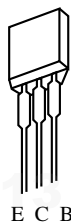
チップ抵抗
Chip resistor

容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法／Dimensions (mm)				抵抗コード : A Resistor Code : A
				外形／Form	L	W	t	
1/16W	1005	± 5%	CJ		1.0	0.5	0.35	104
1/16W	1608	± 5%	CJ		1.6	0.8	0.45	108
1/10W	2125	± 5%	CJ		2	1.25	0.45	118
1/8W	3216	± 5%	CJ		3.2	1.6	0.55	128

TRANSISTOR ILLUSTRATION



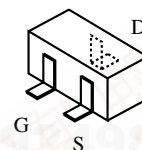
CD1585 KTC3198
CSA952 KTC3199
KTA1266



2SA933
DTC114



2SB1342 2SB1588
2SB1370 2SD1933
2SB1375 2SD2439



2SK2158



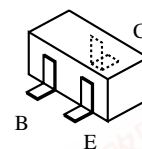
2SB1436



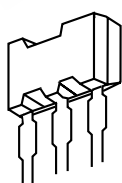
2SK3053



2SA1981
CC5551

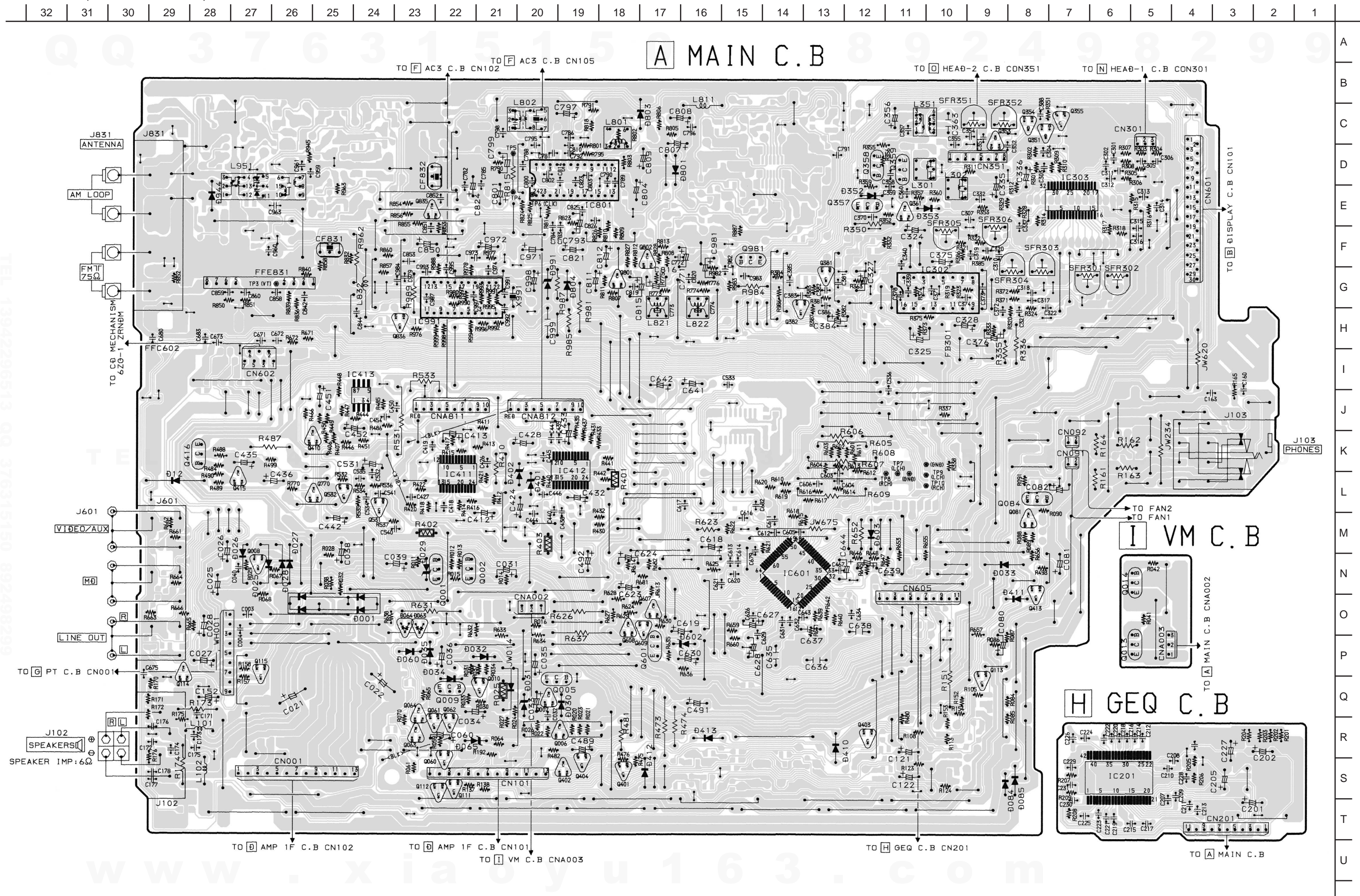


2SA1037K(R) DTC123JK
2SA1235F KRA102S
2SC2714O KRC102S-RTK
2SC3052F KRA104S
2SD1306E KRA107S
CMBT5401 RT1N144C
CMBT5551 RT1P141C
CSD1306E RT1P441C
DTA143EKA

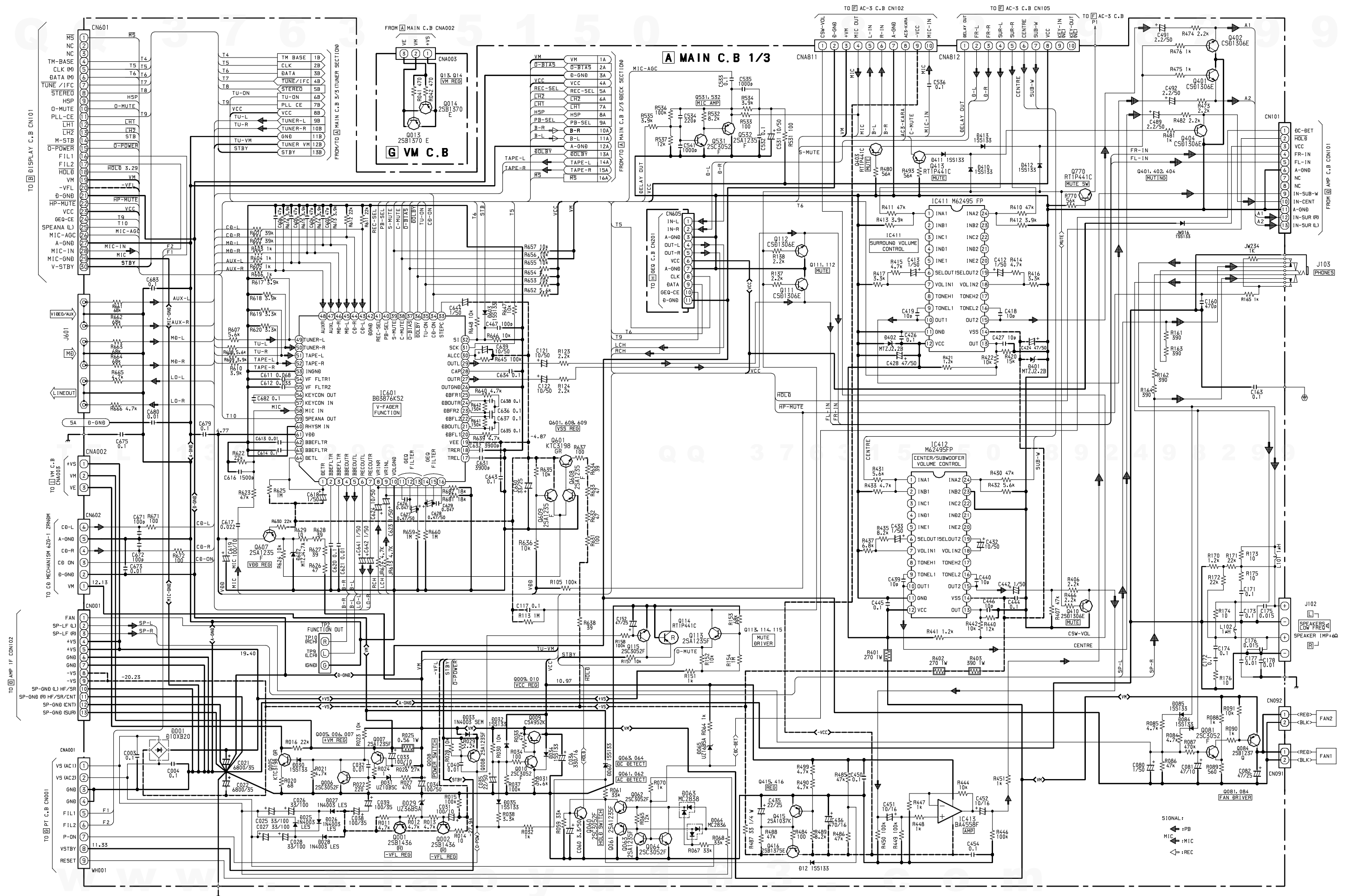


2SB1237Q

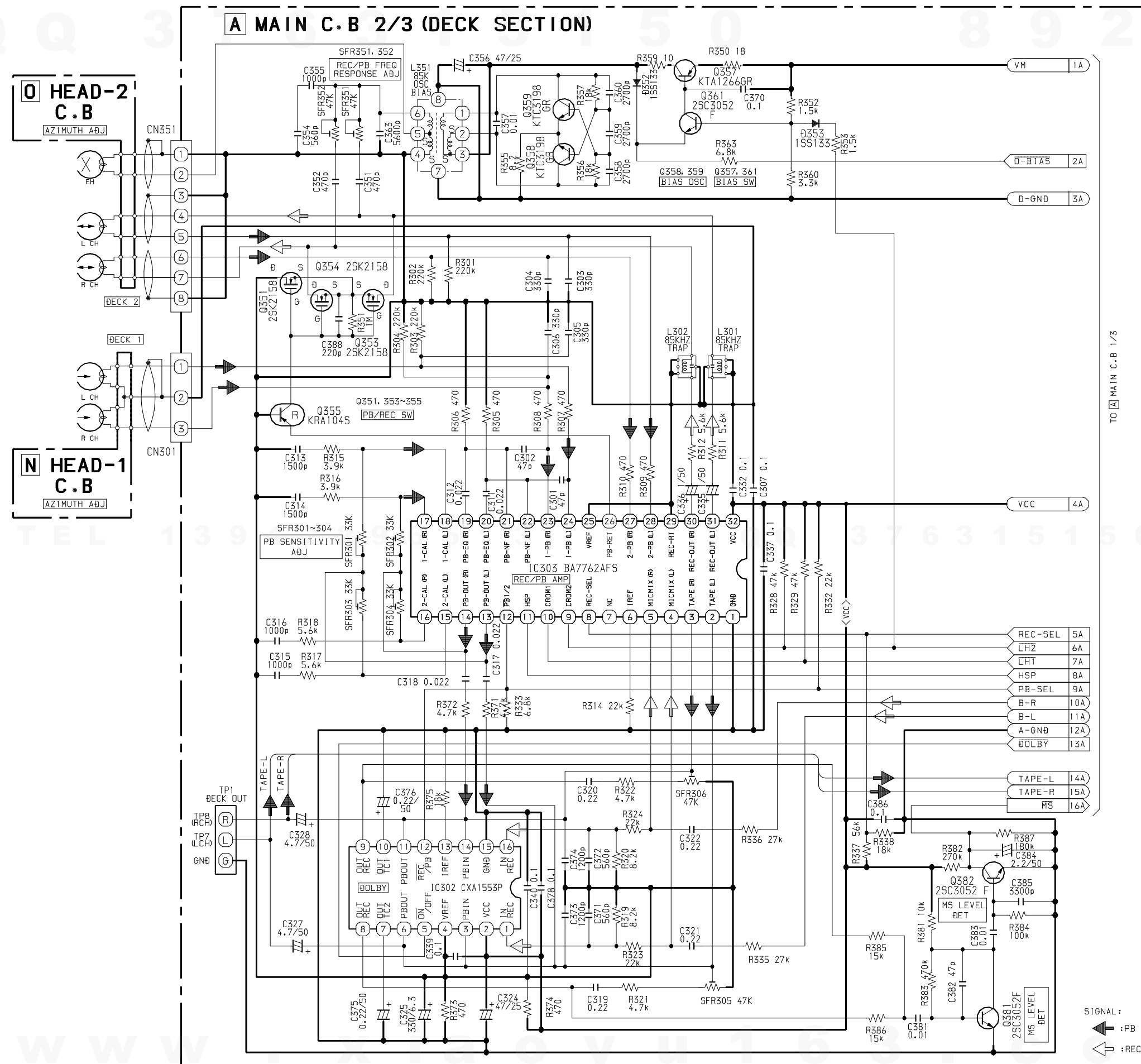
WIRING - 1 (MAIN / GEQ / VM)



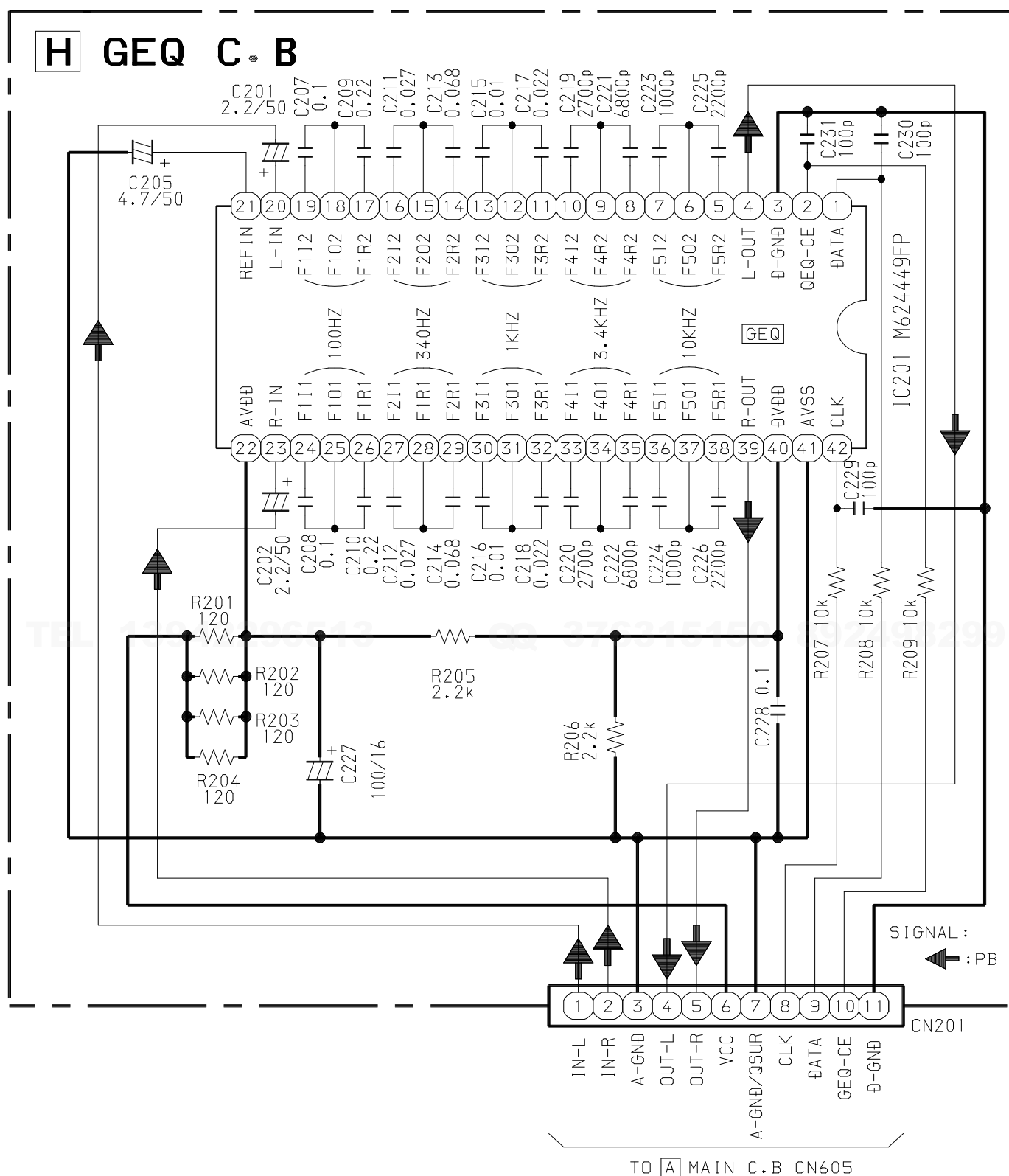
SCHEMATIC DIAGRAM - 1 (MAIN 1 / 3)



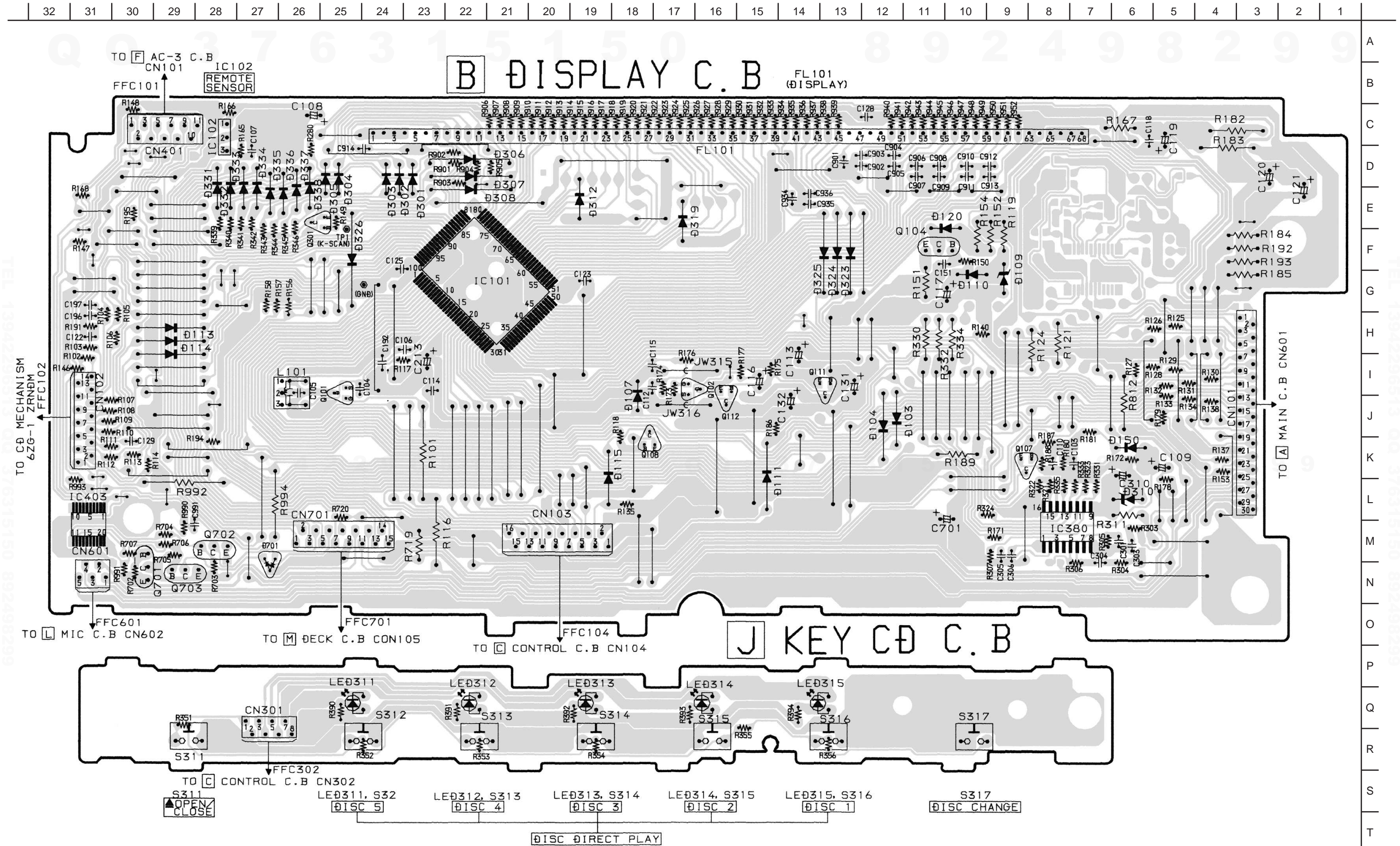
SCHEMATIC DIAGRAM - 2 (MAIN 2 / 3: DECK SECTION)

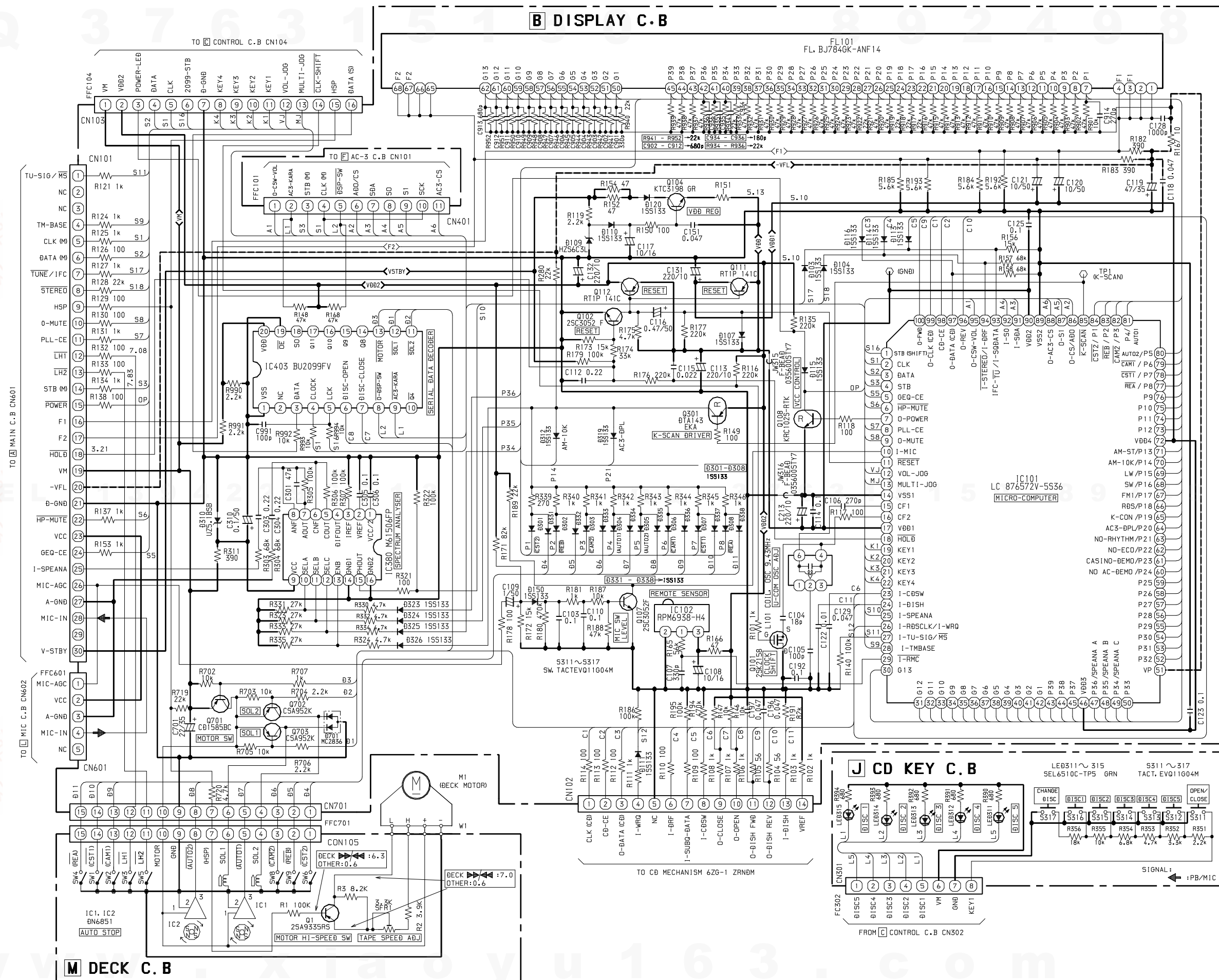


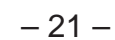
SCHEMATIC DIAGRAM - 4 (GEQ)

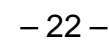


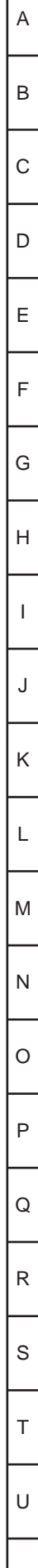
WIRING - 2 (DISPLAY / CD KEY)



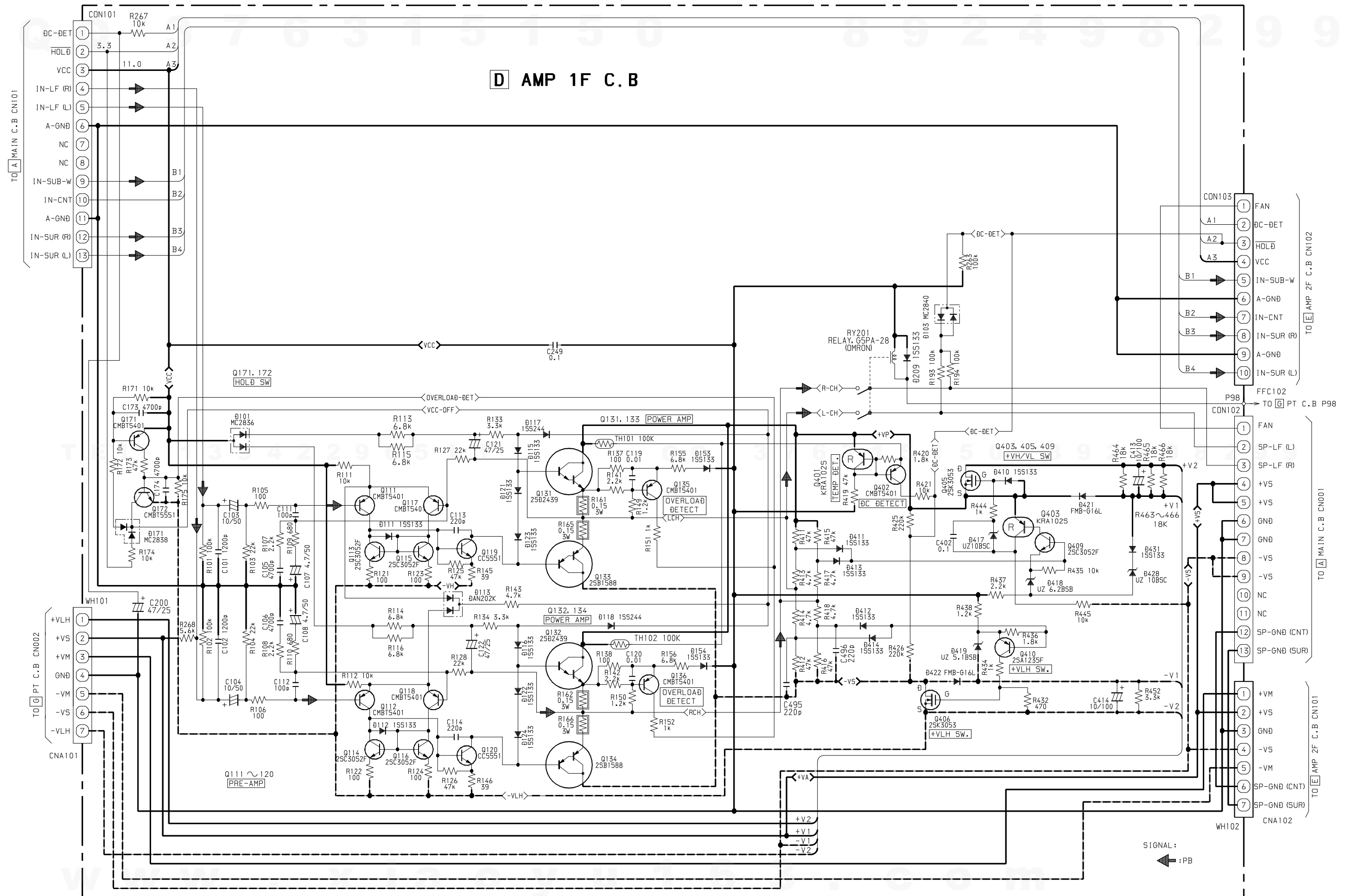




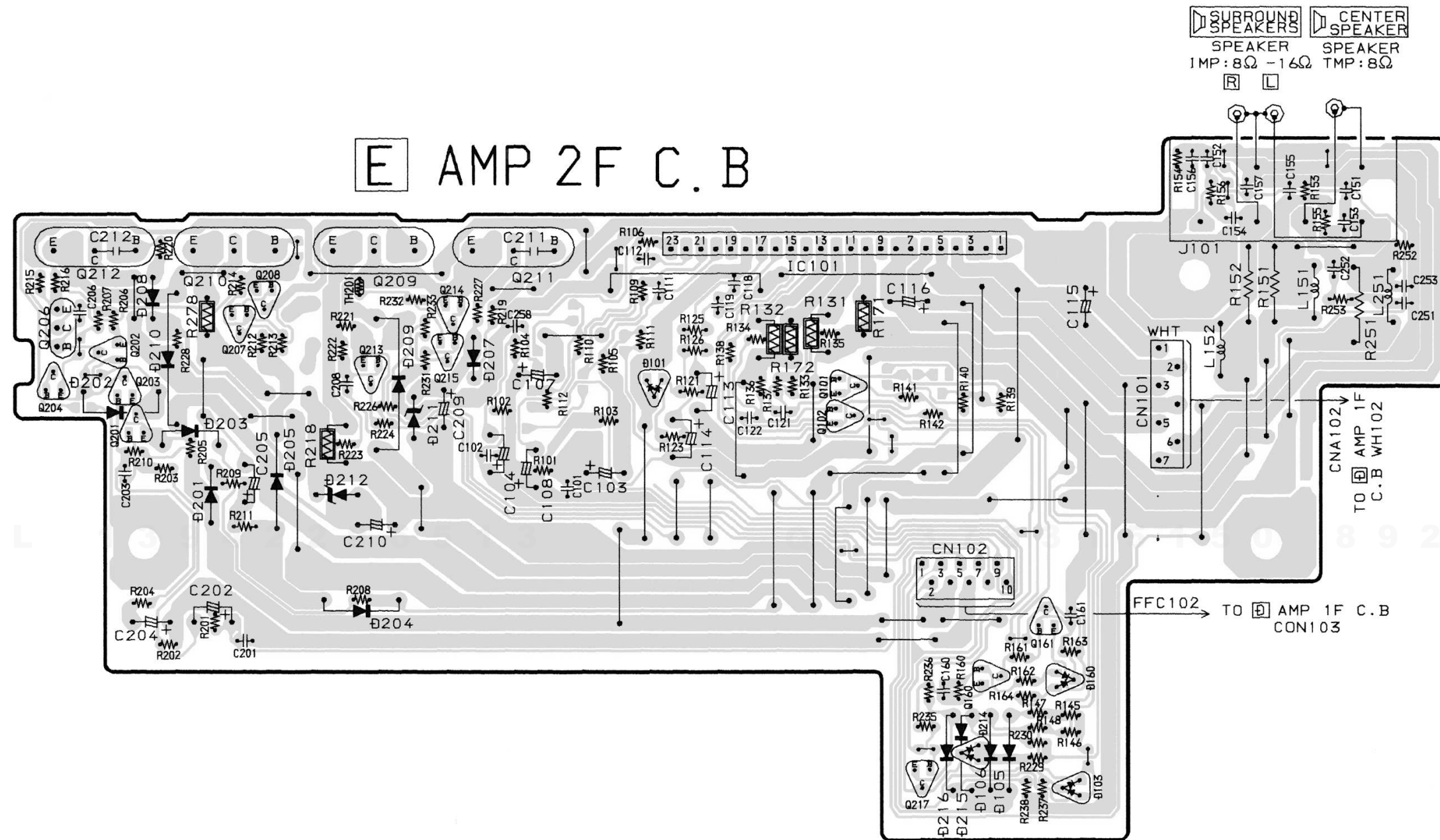




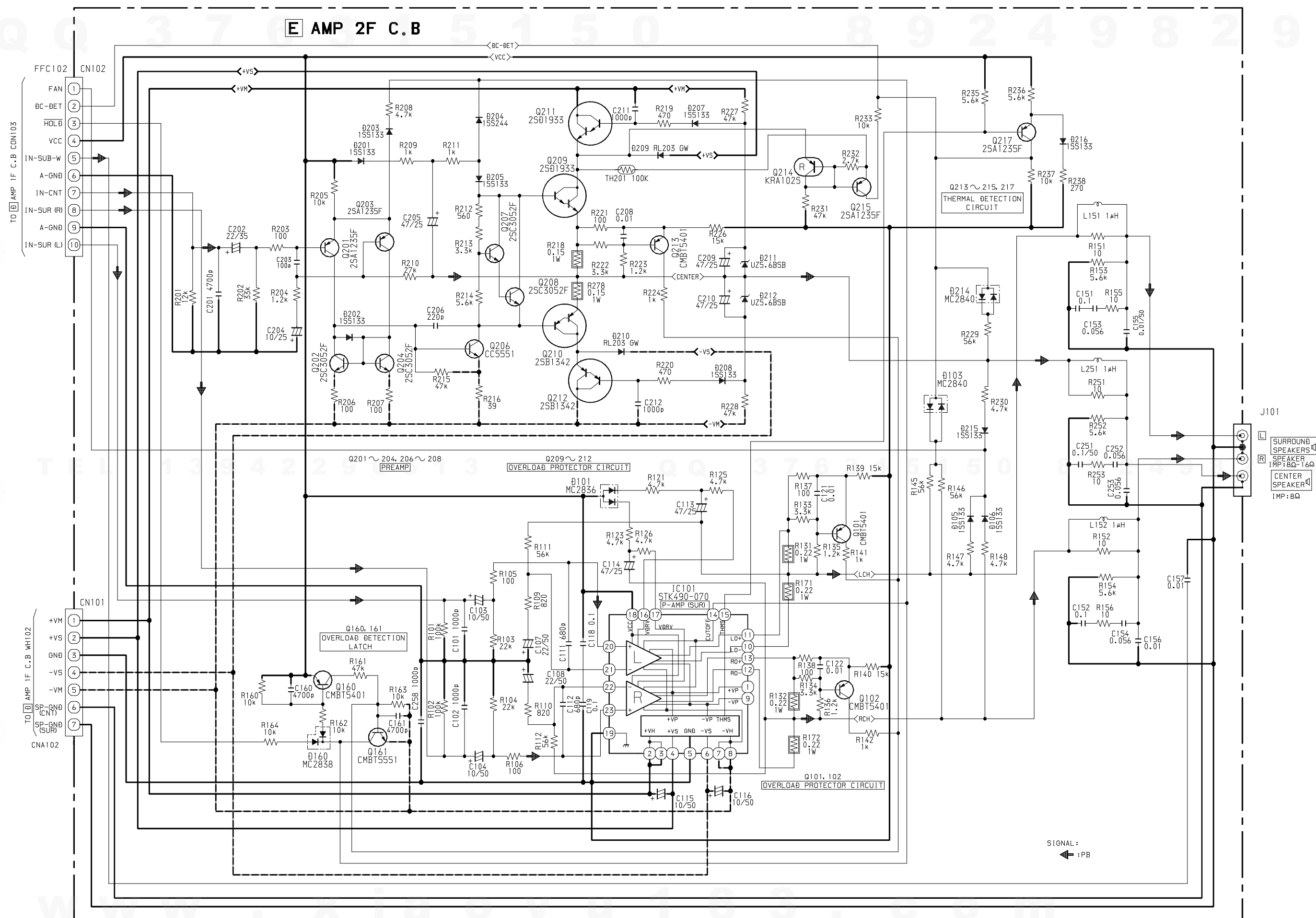
SCHEMATIC DIAGRAM - 7 (AMP 1F)



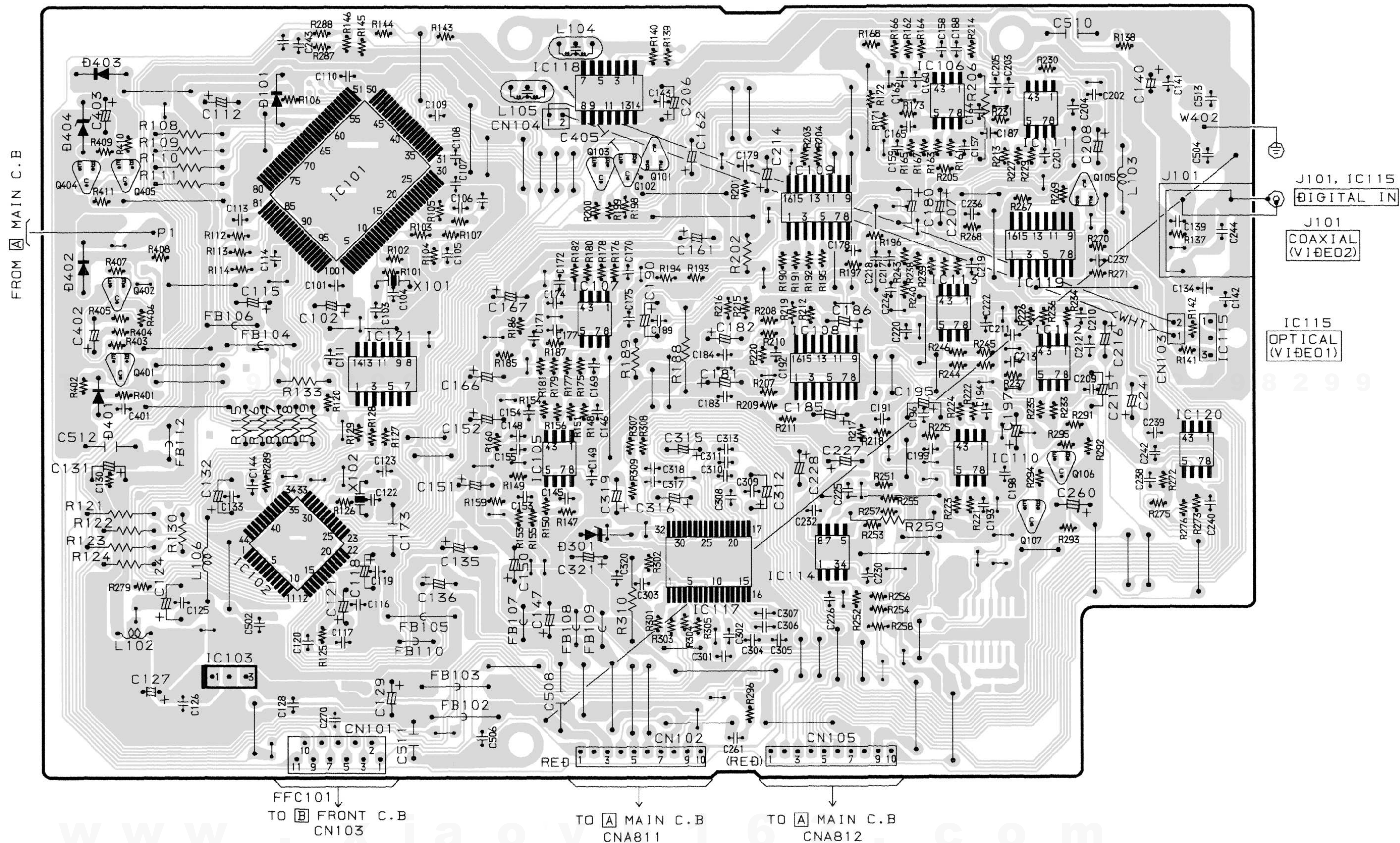
WIRING - 5 (AMP 2F)



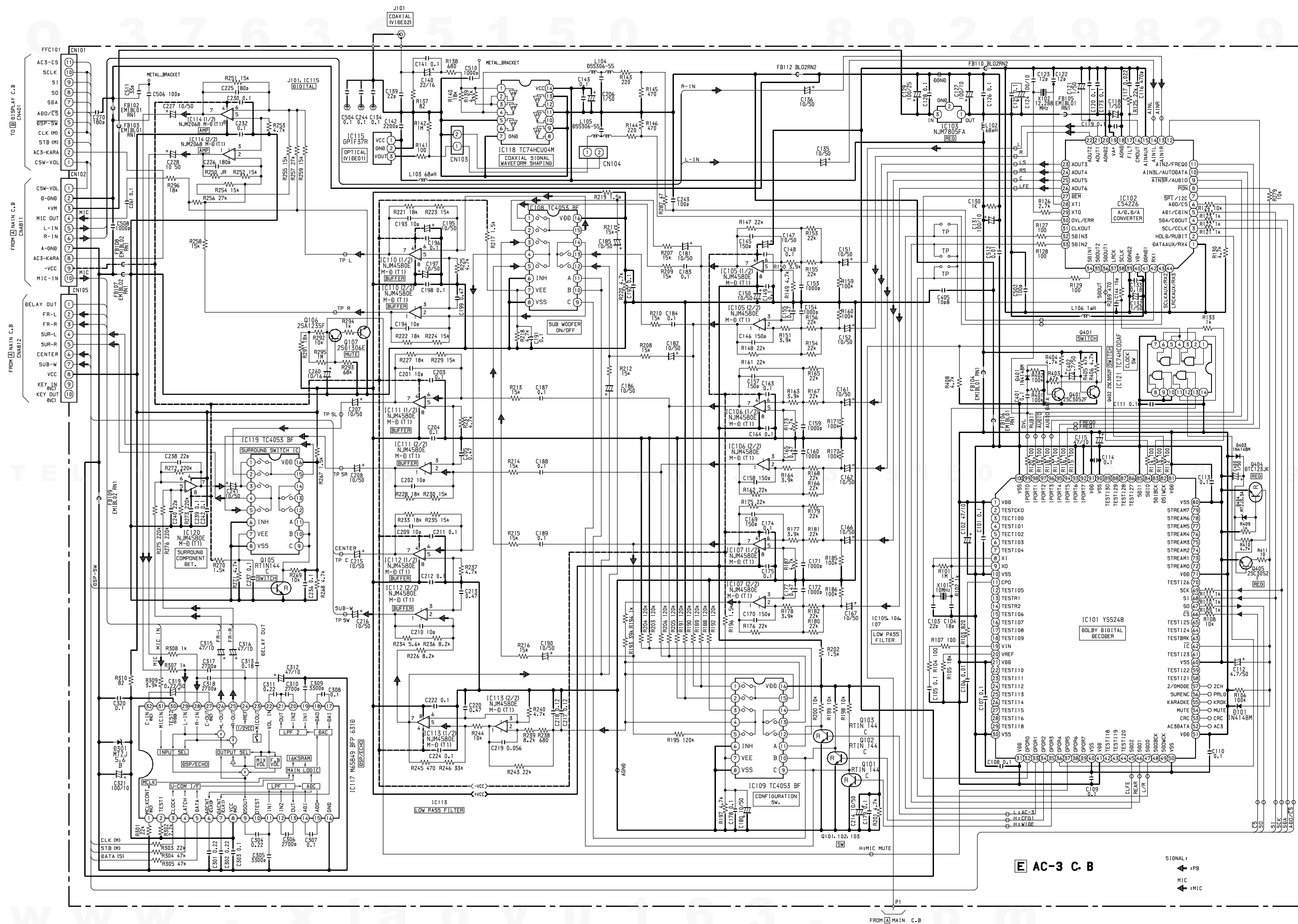
SCHEMATIC DIAGRAM - 8 (AMP 2F)

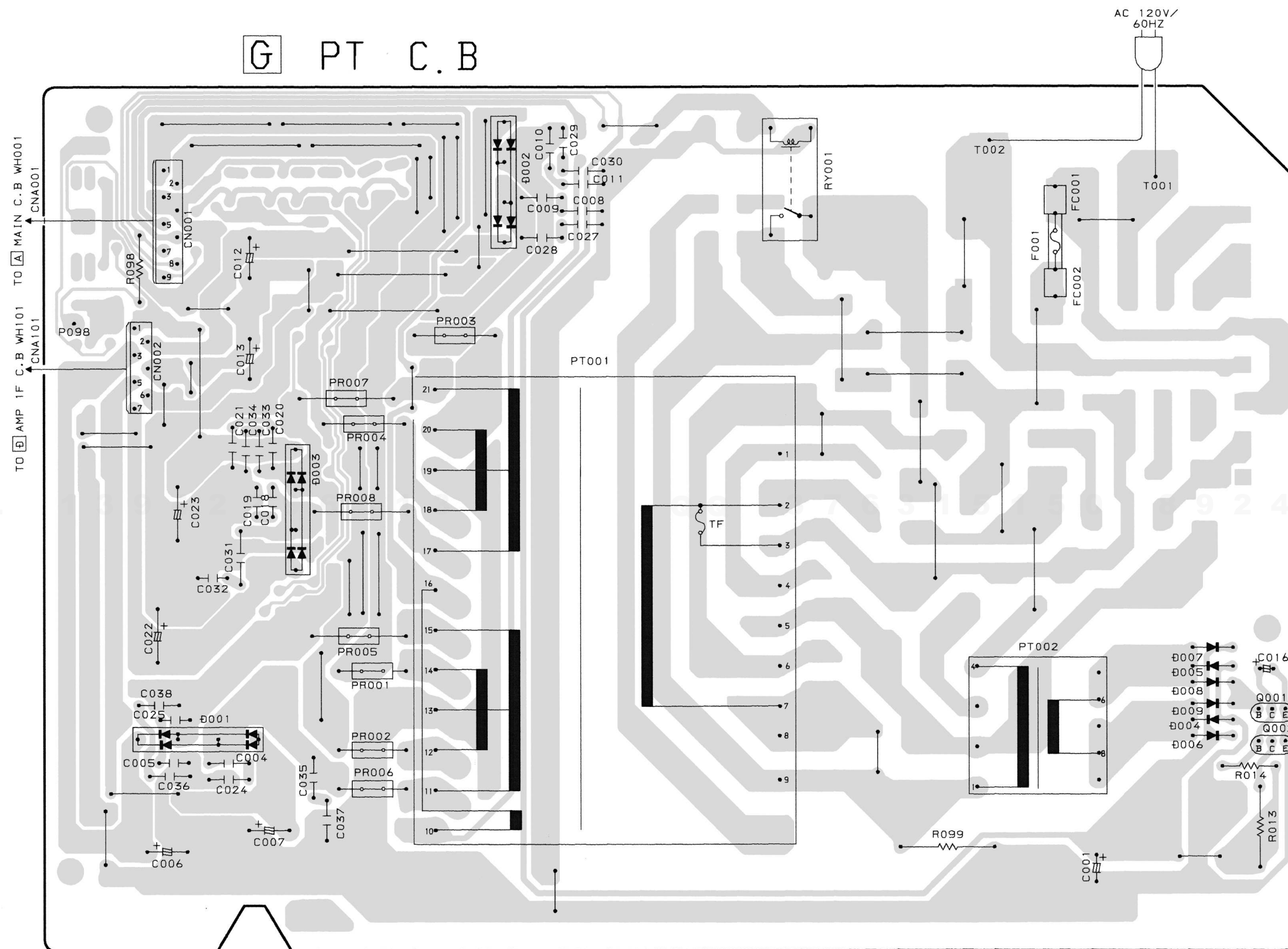


F AC-3 C. B

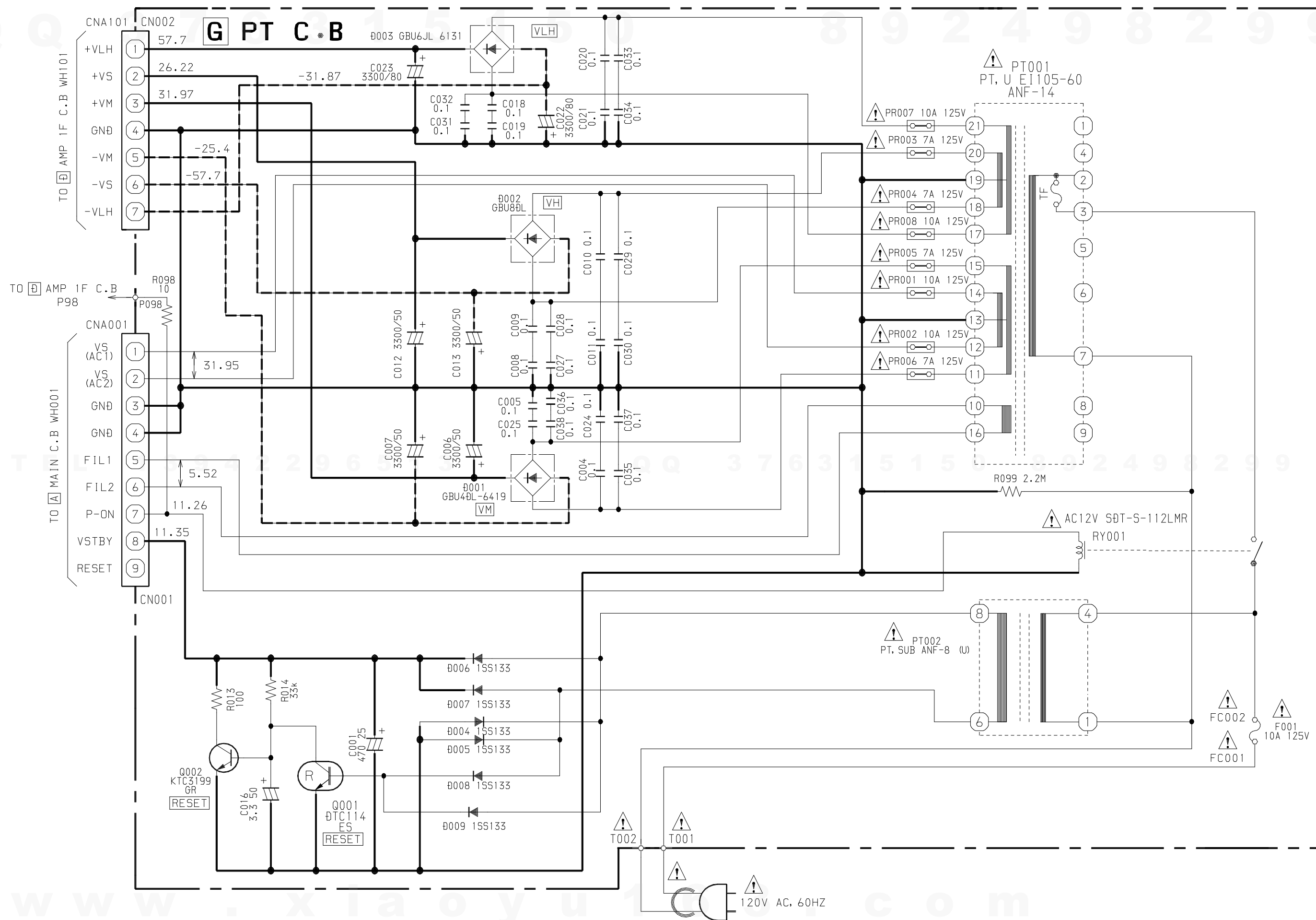


SCHEMATIC DIAGRAM - 9 (AC-3)

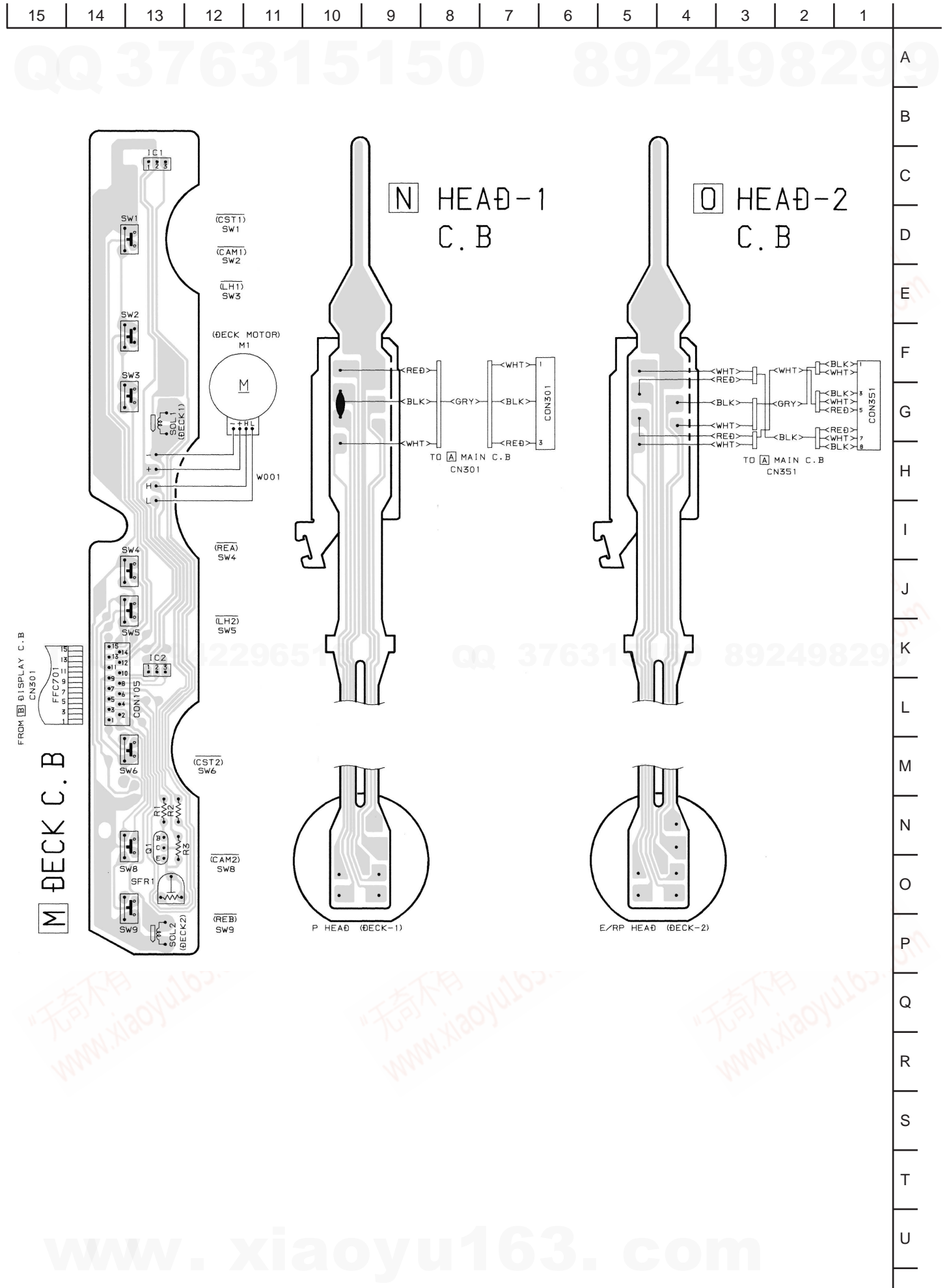




SCHEMATIC DIAGRAM - 10 (PT)

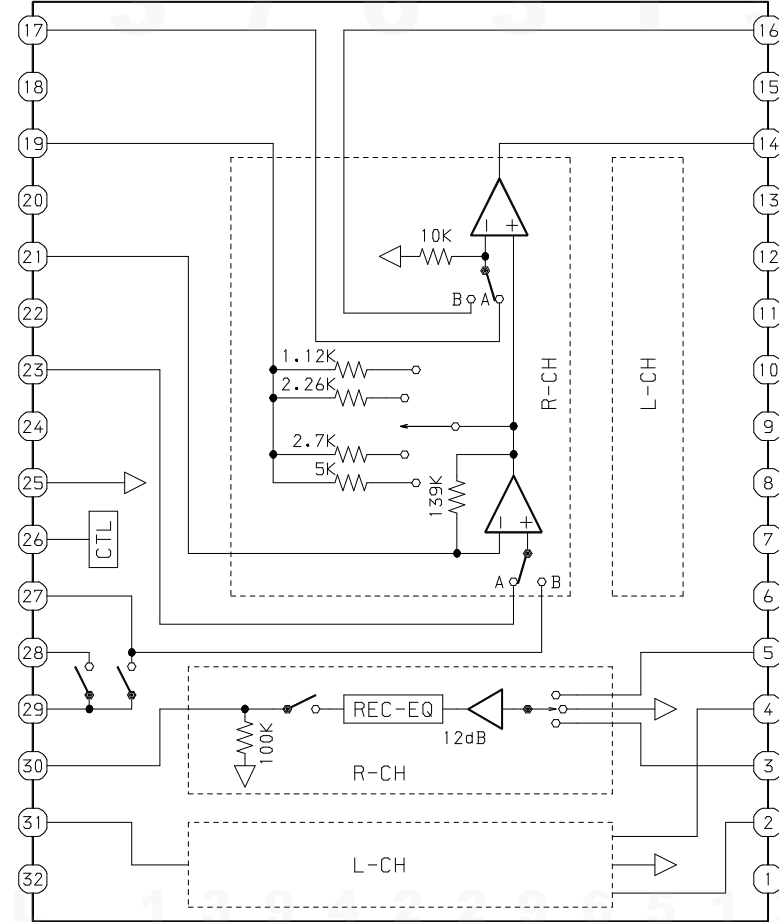


WIRING - 8 (DECK / HEAD-1 / HEAD-2)

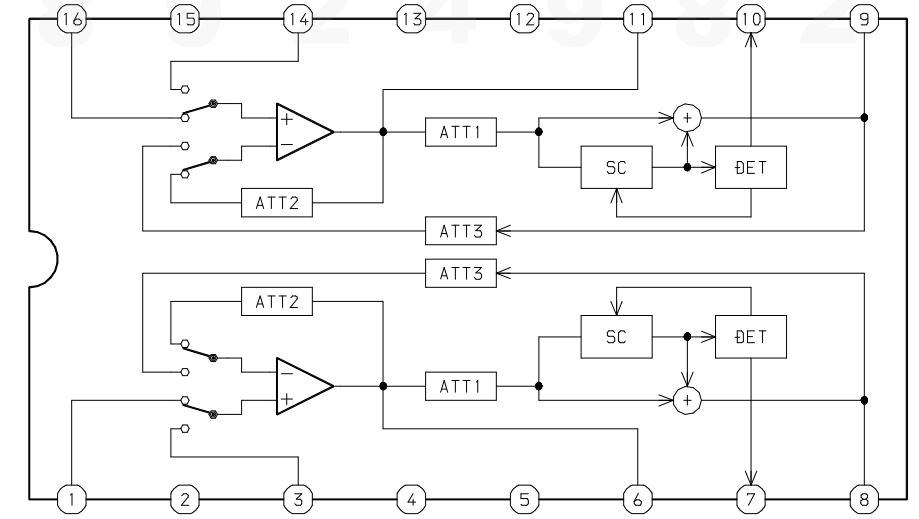


IC BLOCK DIAGRAM

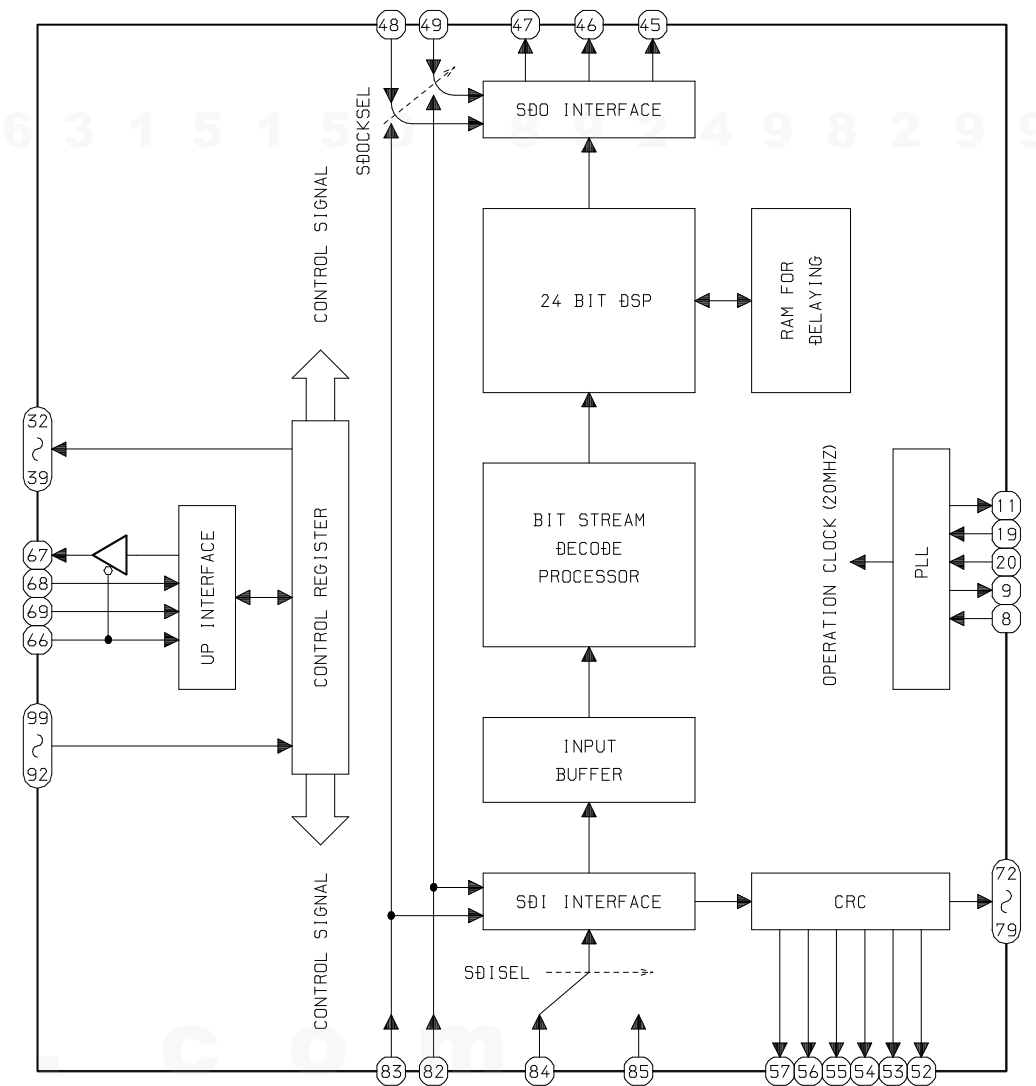
IC, BA7762AFS



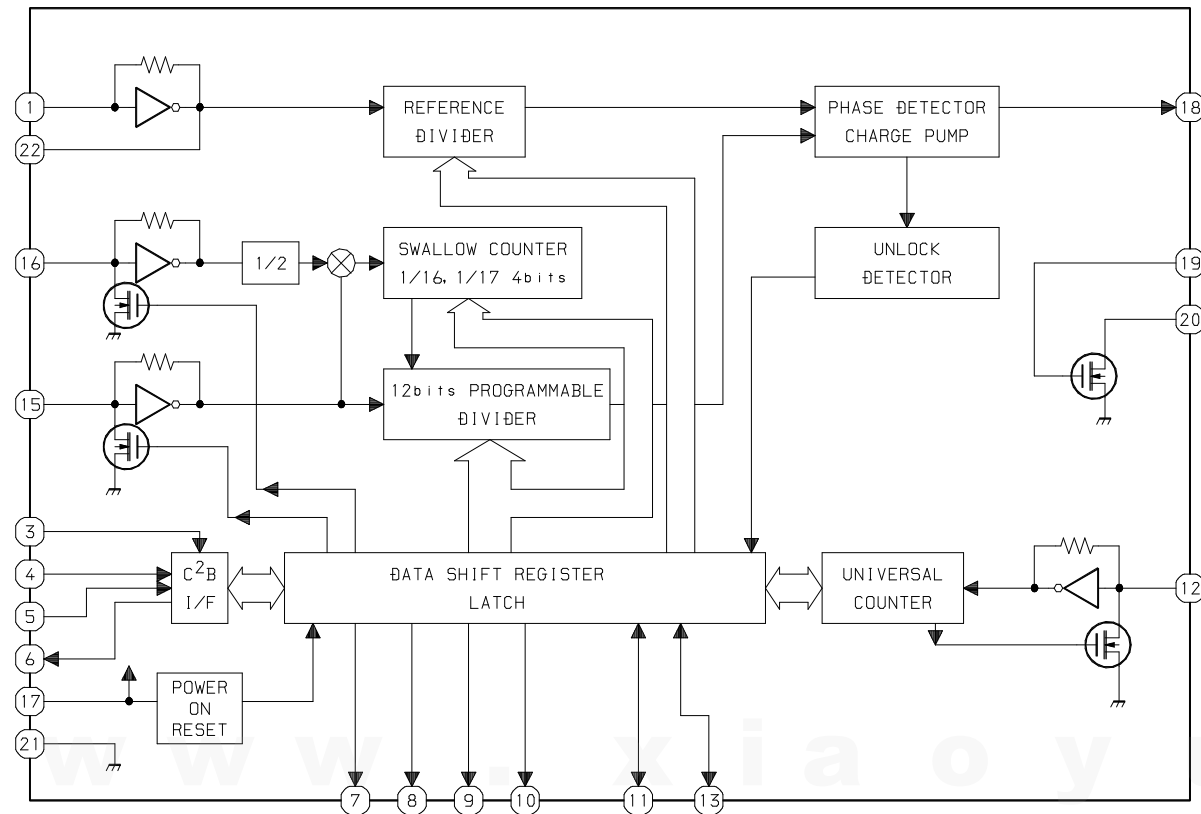
IC, CXA1553P



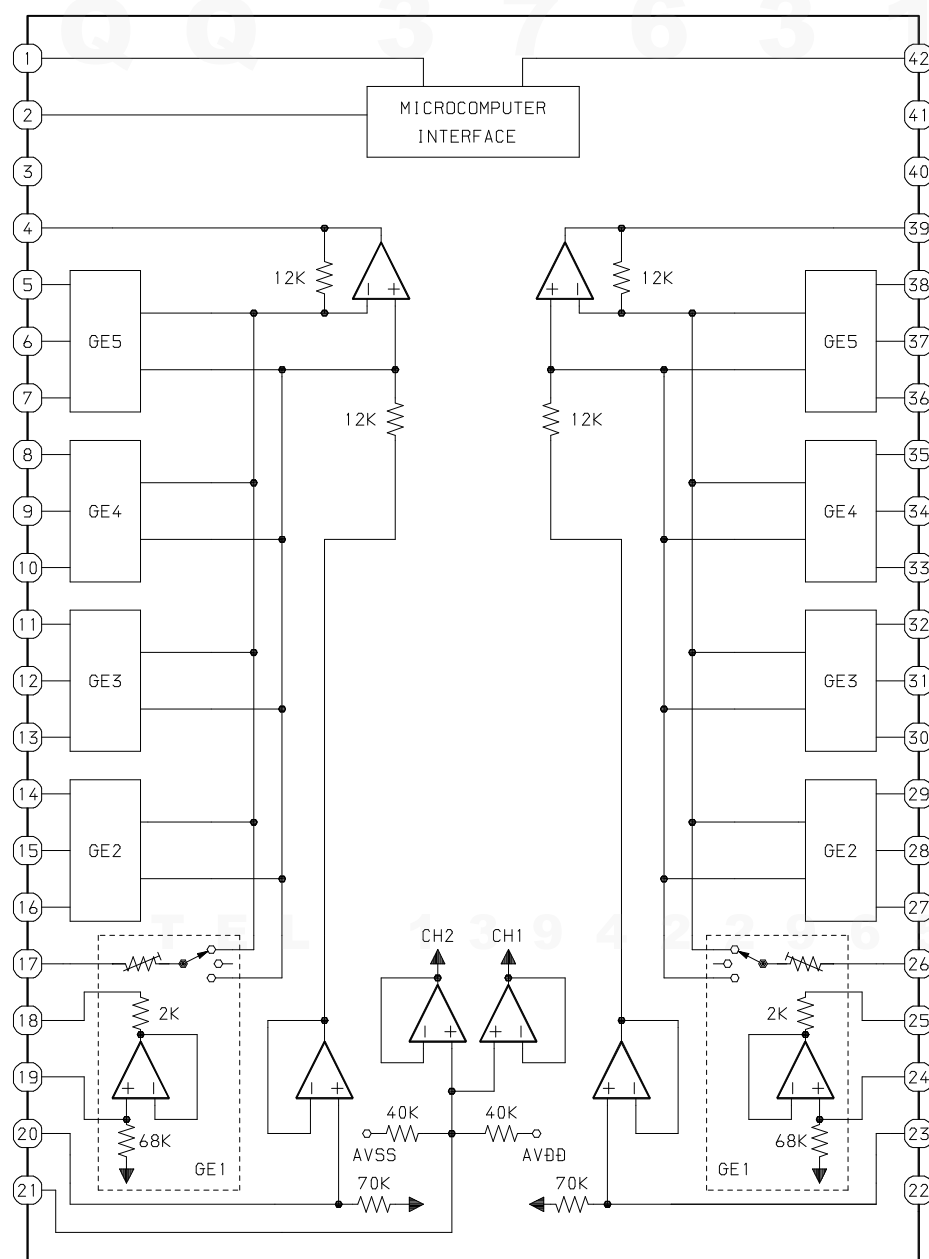
IC, YSS248-F



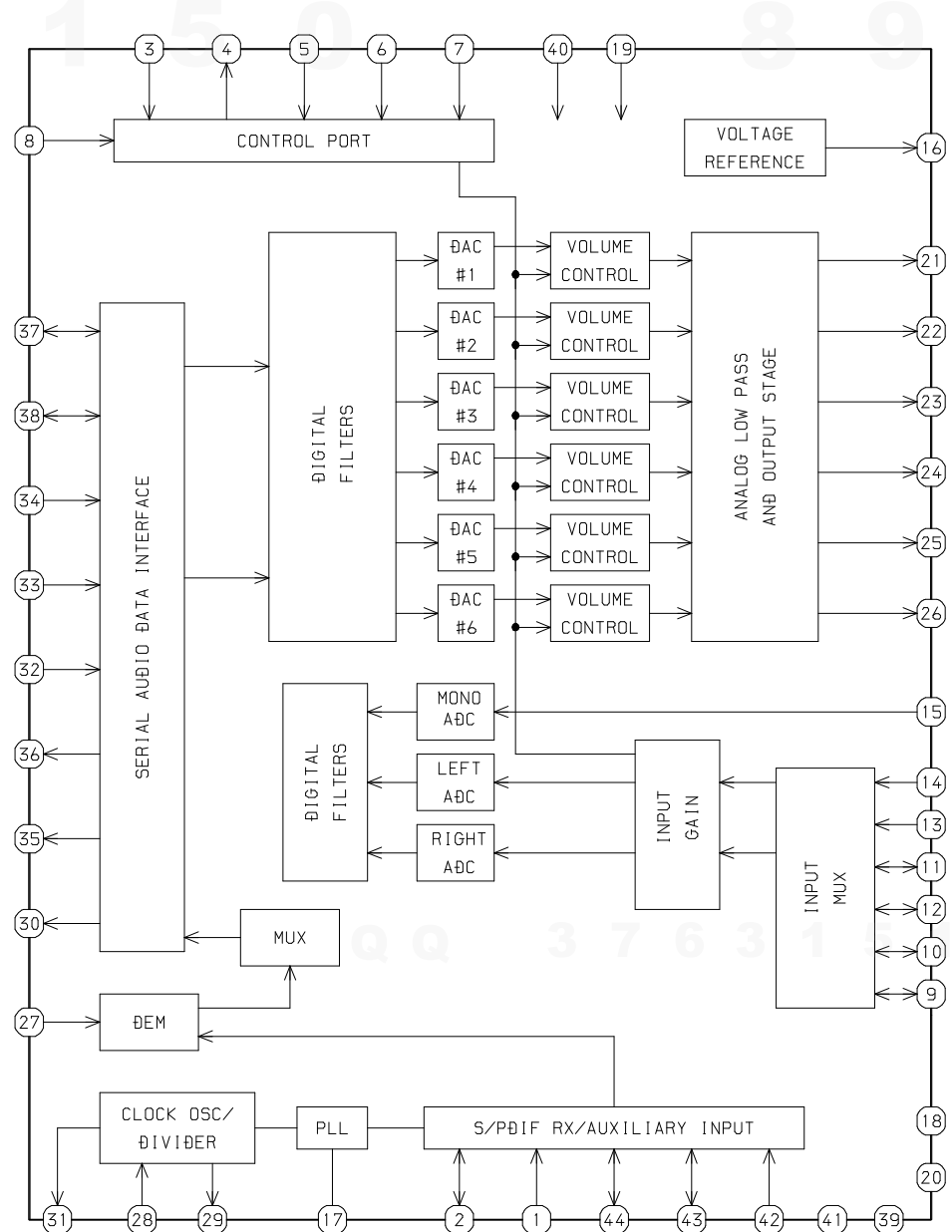
IC, LC72131D



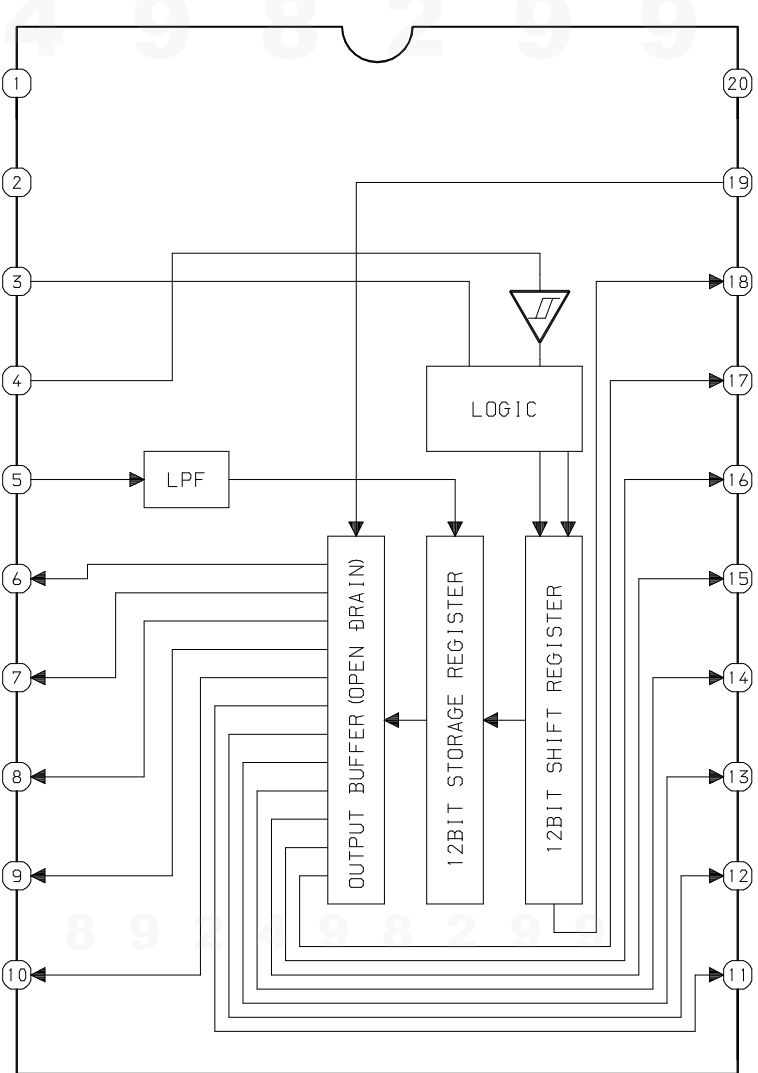
IC, M62449FP



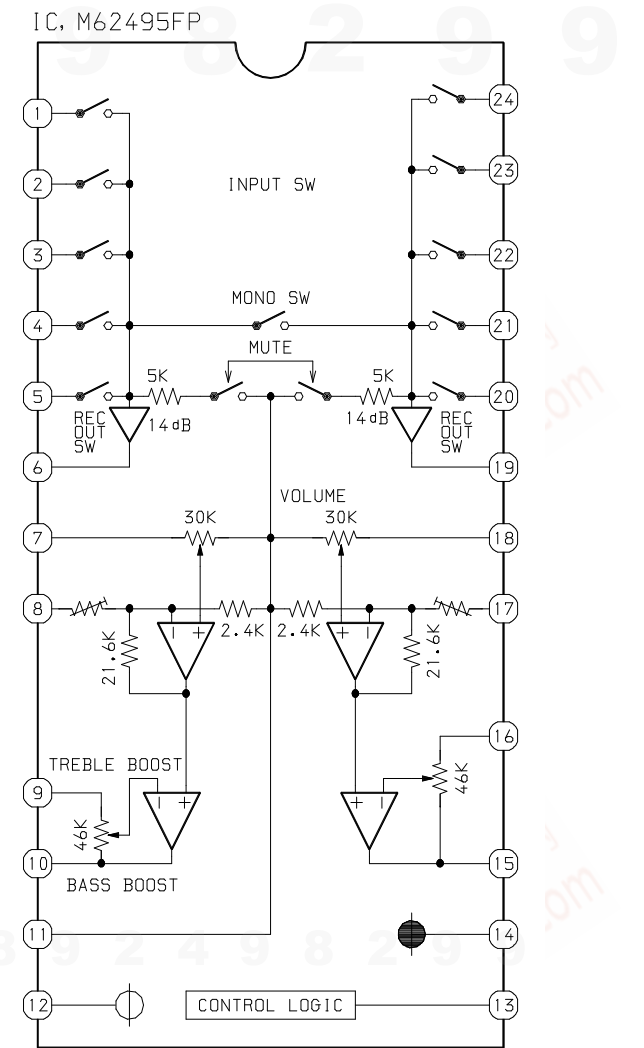
IC, CS4226



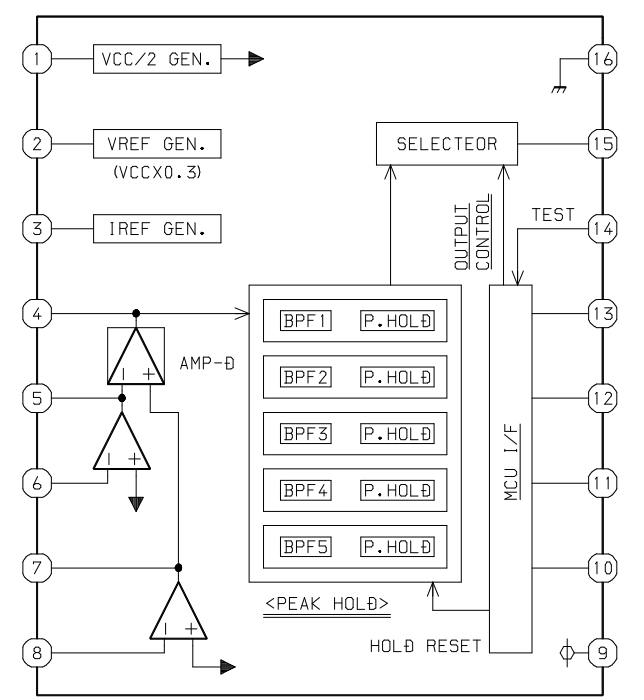
IC, BU2099FV

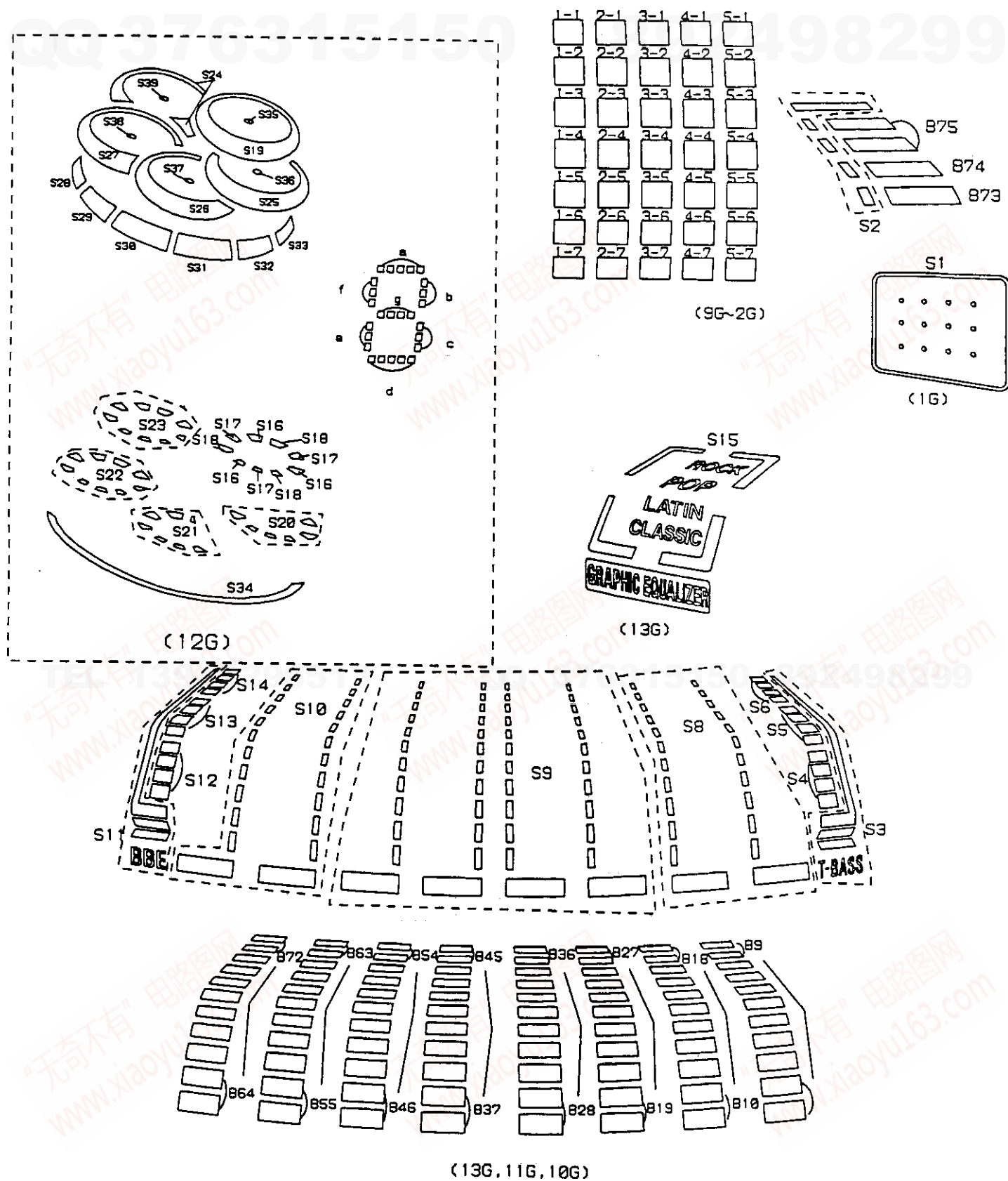


IC, LA1844L-A









IC, M61506FP





ANODE CONNECTION

	13G	12G	11G	10G	9G~2G	1G
P1	S10	○	S9	S8	5-7	S1
P2	B72	-	B54	B18	4-7	PRGM
P3	B63	-	B45	B9	3-7	AI
P4	B71	-	B36	B17	2-7	EDIT
P5	B62	-	B27	B8	1-7	RANDOM
P6	B70	-	B53	B16	5-6	(1001)
P7	B61	-	B44	B7	4-6	MONO
P8	B69	S33	B35	B15	3-6	MHZ
P9	B60	S32	B26	B6	2-6	KHZ
P10	B68	S31	B52	B14	1-6)
P11	B59	S30	B43	B5	5-5	↑
P12	B67	S29	B34	B13	4-5	⌋
P13	B58	S28	B25	B4	3-5	↶
P14	B66	S34	B51	B12	2-5	↷
P15	B57	S26	B42	B3	1-5	REC
P16	B65	S25	B33	B11	5-4	DICNR
P17	B56	S20	B24	B2	4-4	▷
P18	B64	S36	B50	B10	3-4	◁
P19	B55	S21	B41	B1	2-4	1
P20	S14	S37	B32	S6	1-4	2
P21	S13	S27	B23	S5	5-3	3
P22	S12	S22	B49	S4	4-3	4
P23	S11	S38	B40	S3	3-3	5
P24	S15	S24	B31	SPRING	2-3	6
P25	 (ROCK)	S23	B22	DIGITAL	1-3	7
P26	 (POP)	S39	B48	ANALOG	5-2	8
P27	 (LATIN)	S19	B39	-	4-2	9
P28	 (CLASSIC)	S35	B30	-	3-2	10
P29	SLEEP	S16	B21	() (b)	2-2	11
P30	REC	S17	B47	() (#)	1-2	12
P31		S18	B38	b z	5-1	13
P32	M1	d	B29	AUTO	4-1	14
P33	M2	e	B20		3-1	15
P34	M3	c	B46	DOLBY PROLOG	2-1	16
P35	M4	g	B37	DOLBY DIGITAL	1-1	17
P36	SCH DOWNMIX	f	B28	-	B73	18
P37	-	b	B19	-	B74	19
P38	-	a	-	-	B75	20
P39	-	-	-	-	S2	-

IC DESCRIPTION

IC, LC876572V-5S36

Pin No.	Pin Name	I/O	Description
1	STB(SHIFT)	O	Shift register strobe output.
2	CLK	O	Common serial CLOCK output.
3	DATA	O	Common serial DATA output.
4	STB	O	Common serial STROBE output.
5	GEQ-CE	O	GEQ IC chip enable output.
6	$\overline{\text{HP-MUTE}}$	I	Headphone plug-in detect input. (Output "L" at HOLD)
7	O-POWER	O	System power ON/ $\overline{\text{OFF}}$ output. (Active "H")
8	PLL-CE	O	Tuner PLL IC chip enable output.
9	O-MUTE	O	System mute ON/ $\overline{\text{OFF}}$ output.
10	I-MIC	I	Auto-VF MIC level special A/D input. (Output "L" at HOLD)
11	$\overline{\text{RESET}}$	I	Reset input.
12	VOL-JOG	I	Main volume JOG rotary encoder A/D input.
13	MULTI-JOG	I	MULTI JOG rotary encoder A/D input.
14	VSS1	–	Connected to GND.
15	CF 1	–	9.43MHz oscillator circuit.
16	CF2		
17	VDD1	–	Power supply.
18	$\overline{\text{HOLD}}$	I	Power supply voltage detect A/D input.
19 ~ 22	KEY 1 ~ 4	I	KEY 1 ~ 4 A/D input. (Output "L" at HOLD)
23	I-CDSW	I	CD mechanism SW A/D input. (Output "L" at HOLD)
24	I-DISH	I	CD turntable photo sensor A/D input. (Output "L" at HOLD)
25	I-SPEANA	I	SPEANA level A/D input. (Output "L" at HOLD)
26	I-RDSCLK/I-WRQ	I	TUNER RDS IC CLK input (not used) / CD WRQ input. (Output "L" at HOLD&INI)
27	I-TU-SIG/ $\overline{\text{MS}}$	I	Tuner tuning signal level A/D input / Deck MS SENS. (Output "L" at HOLD)
28	I-TMBASE	I	Timebase clock (8Hz) input. (Output "L" at HOLD)
29	$\overline{\text{I-RMC}}$	I	Remote control signal input. Active: "L". (Output "L" at HOLD)
30 ~ 42	G13 ~ G1	O	FL grid G13 ~ G1 output.
43 ~ 45	P39 ~ P37	O	FL segment P39 ~ P37 output.
46	VDD3	–	Power supply.
47	P36/SPEANA A	O	FL segment P36 output / SPEANA band select output (A).
48	P35/SPEANA B	O	FL segment P35 output / SPEANA band select output (B).
49	P34/SPEANA C	O	FL segment P34 output / SPEANA band select output (C).
50	P33	O	FL segment P33 output.
51	VP	–	Power supply for FL.
52 ~ 59	P32 ~ P25	O	FL segment P32~ P25 output.
60	P24/NO AC-DEMO	I/O	FL segment P24 output / NO AC-DEMO at AC-IN diode input (not used). (No store DEMO mode.)
61	P23/CASINO-DEMO	I/O	FL segment P23 output / CASINO-DEMO select diode input (not used).
62	P22/NO-ECO	I/O	FL segment P22 output / NO-ECO select input (not used).
63	P21/NO-RHYTHM	I/O	FL segment P21 output / NO-RHYTHM select diode input (not used).
64	P20/AC3-DPL	I/O	FL segment P20 output / AC3-DPL select diode input.

Pin No.	Pin Name	I/O	Description
65	P19/K-CON	I/O	FL segment P19 output / K-CON select diode input (not used).
66	P18/RDS	I/O	FL segment P18 output / RDS select diode input (not used).
67	P17/FM1	I/O	FL segment P17 output / FM1 select diode input (not used).
68	P16/SW	I/O	FL segment P16 output / SW step initial diode input (not used).
69	P15/LW	I/O	FL segment P15 output / LW stereo select diode input (not used).
70	P14/AM-10K	I/O	FL segment P14 output / AM-10K select diode input.
71	P13/AM-ST	I/O	FL segment P13 output / AM-ST select diode input (not used).
72	VDD4	–	Power supply.
73~76	P12~P9	O	FL segment P12~P9 output.
77	P8/ $\overline{\text{RE}}\text{A}$	I/O	FL segment P8 output / REC enable (A) switch input (active: "L").
78	P7/ $\overline{\text{CST}}\text{1}$	I/O	FL segment P7 output / Cassette (1) switch.
79	P6/ $\overline{\text{CAM}}\text{1}$	I/O	FL segment P6 output / CAM (1) switch input (active: "L").
80	P5/AUTO2	I/O	FL segment P5 output / Auto stop reel (2) pulse input.
81	P4/AUTO1	I/O	FL segment P4 output / Auto stop reel (1) pulse input.
82	P3/ $\overline{\text{CAM}}\text{2}$	I/O	FL segment P3 output / CAM (2) switch input. (active: "L").
83	P2/ $\overline{\text{RE}}\text{B}$	I/O	FL segment P2 output / REC enable (B) switch input. (active: "L").
84	P1/ $\overline{\text{CST}}\text{2}$	I/O	FL segment P1 output / Cassette (2) switch input. (active: "L").
85	$\overline{\text{K-SCAN}}$	O	Key scan output. (active: "L").
86	O-CS/ADO	O	Chip select output to Dolby Digital Decoder IC.
87	O-SI	O	Serial data output to Dolby Digital Decoder IC.
88	O-AC3-CS	O	Chip select output to D/A, A/D Converter IC.
89	VSS2	–	Connected to GND.
90	VDD2	–	Power supply.
91	I-SDA	O	CD turn table dish reverse output.
92	I-SO	O	CD turn table dish forward output.
93	IFC-TU/I-SQDATA	I	Tuner tune/IF count input (active: "L") / CD SUB-Q data input.
94	I-STEREO/I-DRF	I	Tuner stereo detect input (active "L") / DRF input.
95	O-CSW-VOL	O	Center and Subwoofer speaker volume control.
96	O-REV	O	CD turntable reverse revolution output.
97	O-DATA(CD)	O	CD data output.
98	CD-CE	O	CD CE output.
99	O-CLK	O	CD CLK output.
100	O-FWD	O	CD turntable forward revolution output.

ADJUSTMENT

< TUNER SECTION >

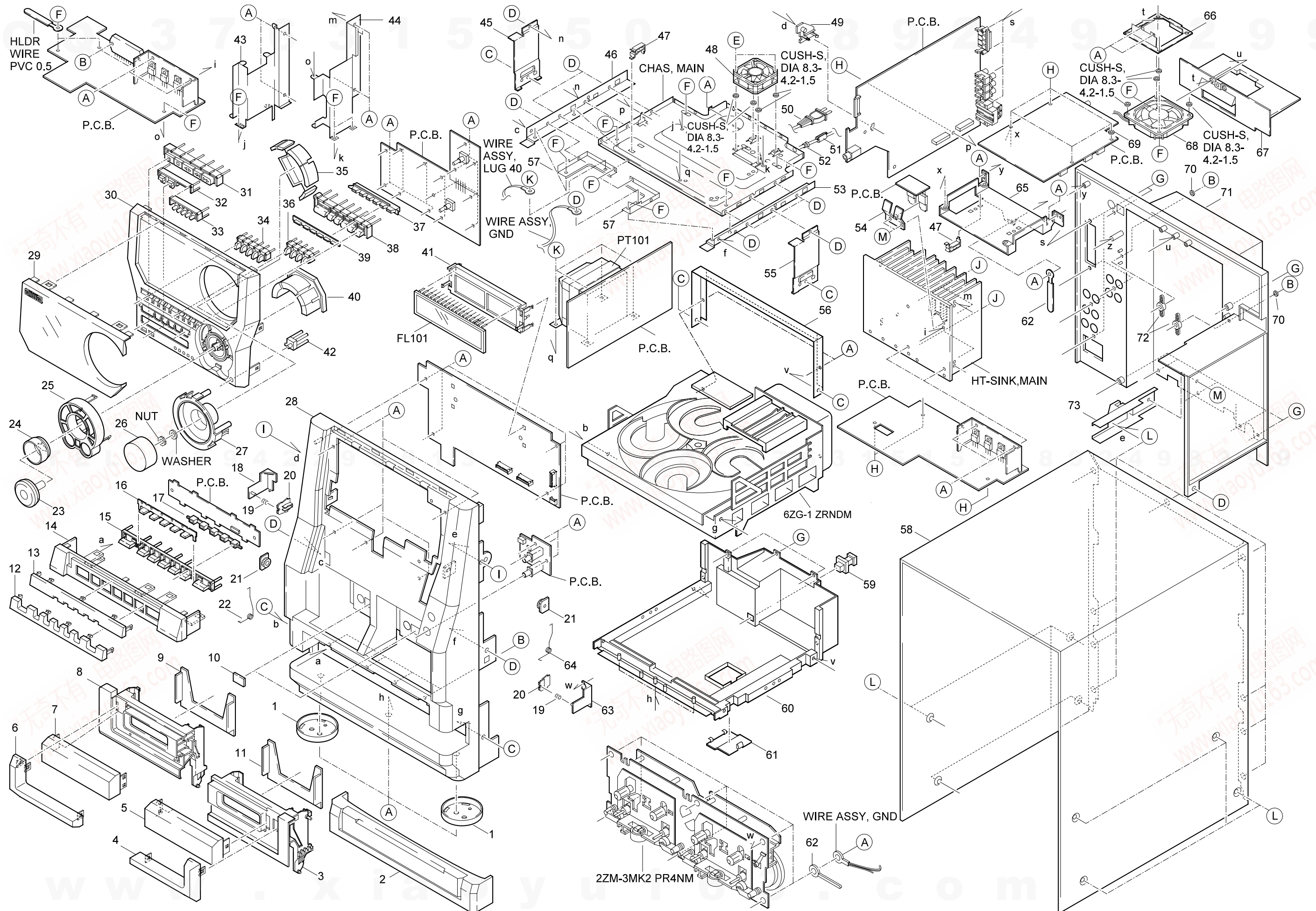
1. Clock Frequency Check
Settings : • Test point : TP6 (CLK)
Method : Set to AM 1710kHz and check that the test point is 2160kHz \pm 45Hz.
2. AM VT Check
Settings : • Test point : TP3 (VT)
Method : Set to AM 1710kHz and AM 530kHz and check that the test point is less than 8.5V(1710kHz) and more than 0.6V(530kHz)
3. AM Tracking Adjustment
Settings : • Test point : TP9(Lch), TP10(Rch)
• Adjustment location : L951(1/3)..... 999kHz
Method : Set to AM 999kHz and adjust L951(1/3) so that the test point is maximum.
4. FM VT Check
Settings : • Test point : TP3 (VT)
Method : Set to FM 108.0MHz and check that the test point is less than 8.0V.
Set to FM 87.5MHz and check that the test point is more than 0.5V.
5. FM Tracking Check
Settings : • Test point : TP9(Lch), TP10(Rch)
Method : Set to FM 98.0MHz and check that the test point is less than 9.0dB μ V.
6. AM IF Adjustment
Settings : • Test point : TP9(Lch), T10(Rch)
• Adjustment location : L802
• Input level : Variable
Method : Adjust L802 so that the output becomes maximum.
7. DC Balance / Mono Distortion Adjustment
Settings : • Test point : TP4, TP5 (DC Balance)
TP9(Lch), TP10(Rch) (Distortion)
• Adjustment location : L801
• Input level : 60dB μ V
Method : Set to FM 98.0MHz and adjust L801 so that the voltage between TP4 and TP5 becomes 0V \pm 300mV. Next, check that the distortion to minimum.
3. PB Frequency Response Check (DECK 1, DECK 2)
Settings : • Test tape : TTA-300 (315/10kHz)
• Test point : TP7(Lch), TP8(Rch)
Method : Play back the 315Hz and 10kHz signals of the test tape and check that the output ratio of the 10kHz signal with respect to that of the 315Hz signal is within 0 \pm 3dB.
4. REC/PB Frequency Response Adjustment (DECK 2)
Settings : • Test tape : TTA-602 (Normal)
• Test point : TP7(Lch), TP8(Rch)
• Input signal : 1kHz / 10kHz (LINE IN)
• Adjustment location : SFR351 (Lch)
SFR352 (Rch)
Method : Apply a 1kHz signal and REC mode. Then adjust OSC attenuator so that the output level at the test points becomes 9.0mV. Record and play back the 1kHz and 10kHz signals and adjust SFRs so that the output level of the 10kHz signals becomes 0dB \pm 0.5dB with respect to that of the 1kHz signal.
5. REC/PB Frequency response Check (DECK 2)
Settings : • Test tape : TTA-615 (CrO₂)
• Test point : TP7(Lch), TP8(Rch)
• Input signal : 1kHz/10kHz (LINE IN)
Method : Apply a 1kHz signal and REC mode. Then Adjust OSC attenuator so that the output level at the test points becomes 9.0mV. Record and play back the 1kHz and 10kHz signals and check that the output is 0dB \pm 2dB.
6. REC/PB Sensitivity Check (DECK 2)
Settings : • Test tape : TTA-615 (CrO₂)
• Test point : TP7(Lch), TP8(Rch)
• Input signal : 1kHz (LINE IN)
Method : Apply a 1kHz signal and REC mode. Then adjust OSC attenuator so that the output level at the test points becomes 90mV. Record and play back the 1kHz signal and check that the output is -1dB \pm 3dB.

<FRONT SECTION>

< DECK SECTION >

1. Tape Speed Adjustment (DECK 2)
Settings : • Test tape : TTA-100(3kHz)
• Test point : TP7(Lch), TP8(Rch)
• Adjustment location : SFR1
Method : Play back the test tape and adjust SFR1 so that the frequency counter reads 3000Hz \pm 5Hz(FWD) and \pm 45Hz(REV) with respect to forward speed.
2. Head Azimuth Adjustment (DECK 1, DECK 2)
Settings : • Test tape : TTA-300 (315/10kHz)
• Test point : TP7(Lch), TP8(Rch)
• Adjustment location : Head azimuth adjustment screw
Method : Play back the 10kHz signal of the test tape and adjust screw so that the output becomes maximum. Next, perform on each FWD PLAY and REV PLAY mode.
7. μ -CON OSC Adjustment
Settings : • Test point : TP1 (K-SCAN),
• Adjustment location : L101
Method : Insert AC plug with pressing TUNER function key. Adjust L101 so that the frequency across the test point becomes 208.8Hz \pm 0.2Hz.

MECHANICAL EXPLODED VIEW 1 / 1



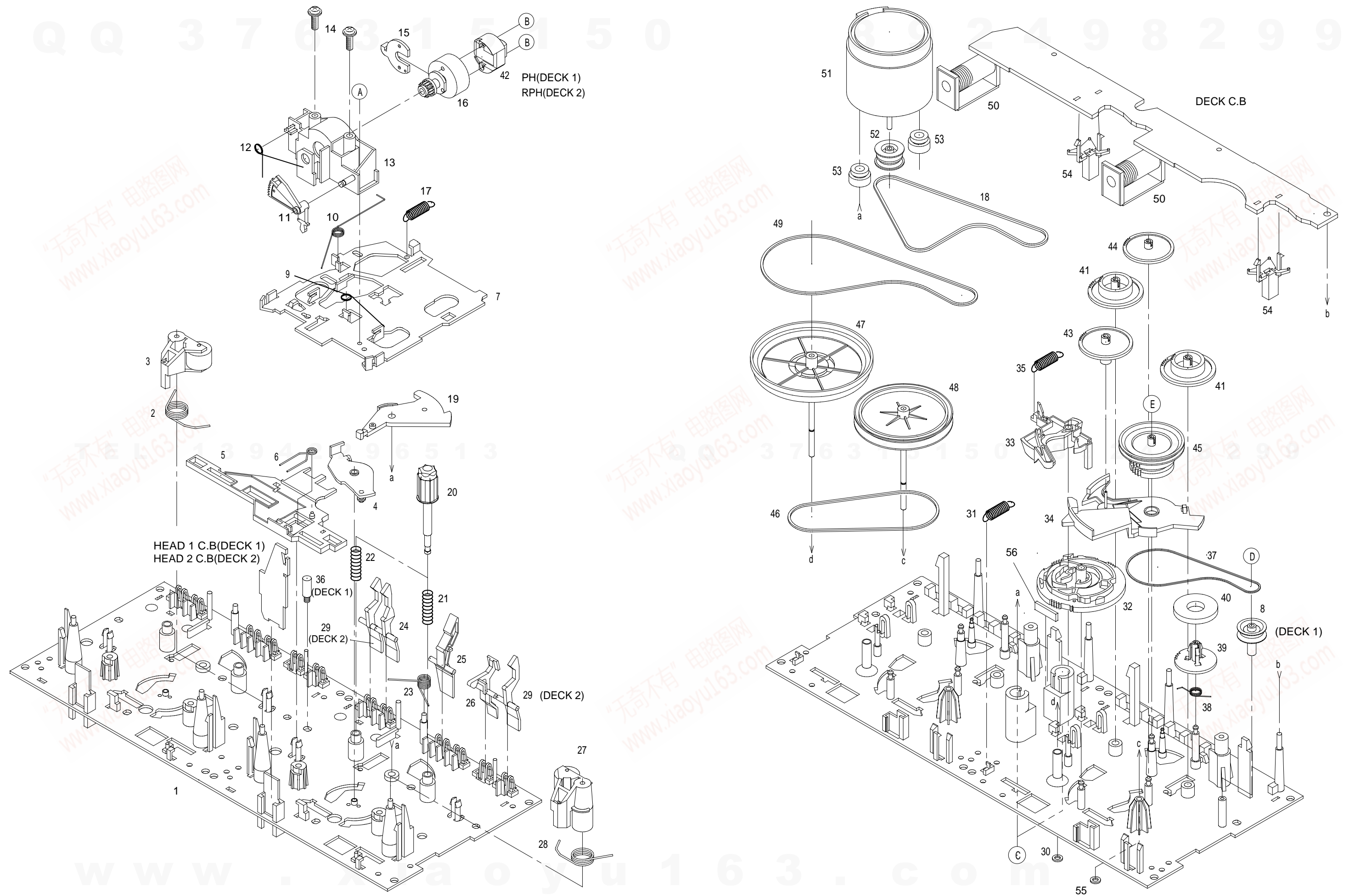
MECHANICAL PARTS LIST 1 / 1

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	88-NF3-090-010		RING, FOOT	46	8A-NF3-208-010		HLDR, CHAS L
2	8A-NF3-042-010		PANEL ASSY, TRAY	47	87-NF4-221-010		HLDR, CABLE
3	8A-NF3-029-010		BOX, CASS R	48	87-A91-423-010		FAN, AD0612DS-D7OGL
4	8A-NF3-040-010		PANEL, CASS R	49	8A-NF8-206-010		HLDR, PWB M
5	8A-NF3-059-010		WINDOW, CASS R	△ 50	87-A80-149-010		AC CORD ASSY, U BLK
6	8A-NF3-039-010		PANEL, CASS L	51	87-A90-562-010		F-BEAD, 9.5-17.5-28.5 BRH
7	8A-NF3-058-010		WINDOW, CASS L	52	87-A91-422-010		BUSHING, AC CORD (U)
8	8A-NF3-028-010		BOX, CASS L	53	8A-NF3-209-010		HLDR, CHAS R
9	8A-NF3-090-010		REFLECTOR, CASS L	54	8A-NF3-221-010		HLDR, IC-VM
10	81-532-080-010		LABEL, CASS. COMPT	55	8A-NF3-211-010		HLDR, SIDE R
11	8A-NF3-091-010		REFLECTOR, CASS R	56	8A-NF3-212-010		HLDR, REAR
12	8A-NF3-049-010		PANEL, KEY-CD	57	8A-NF3-229-210		HLDR, BRACKET
13	8A-NF3-048-010		PANEL, REFLECTOR- CD	58	8A-NF3-027-010		CABI, STEEL
14	8A-NF3-047-010		PANEL, CD	59	84-ZG1-245-210		CAP, OPTICAL
15	8A-NF3-071-010		KEY, CD	60	8A-NF3-026-010		CABI, BOTTOM
16	8A-NF3-089-010		REFLECTOR, CD	61	8Z-NF3-048-010		COVER, BOTTOM
17	8A-NF3-203-010		GUIDE, LED-CD	62	87-064-185-010		HLDR, WIRE
18	87-NF4-216-010		HLDR, LOCK 1	63	87-NF4-217-110		HLDR, LOCK 2
19	86-NF9-224-010		SPR-C, LOCK	64	82-NF5-219-010		SPR-T, EJECT 2 (SIN)
20	82-NF5-229-010		PLATE, LOCK	65	8A-NFE-207-010		HLDR, PWB-AC3
21	87-NF8-220-010		DMPR, 150	66	8A-NF3-223-110		HLDR, FAN
22	82-NF5-218-010		SPR-T, EJECT 1 (SIN)	67	8A-NF3-225-010		COVER, HLDR
23	8A-NF3-082-010		KNOB, RTRY JOG	68	87-A91-711-010		FAN, 3110GL-B4W-B34-H02 -400MM
24	8A-NF3-087-010		REFLECTOR, JOG	69	82-CD5-219-010		W-F, 3.2-6-0.25
25	8A-NF3-078-010		RING, JOG U	70	8A-MA3-214-010		W, 3.5-6.5-1 W/ADH
26	8A-NF3-081-010		KNOB, RTRY VOL	71	8A-NFE-011-010		CABI, REAR USM
27	8A-NF3-076-010		RING, VOL	72	8A-NHP-214-010		HLDR, HL
28	8A-NFE-001-010		CABI, FR	73	8A-NF3-228-110		HLDR, PWB-PT
29	8A-NFE-051-010		WINDOW, DISP U	A	87-067-703-010		TAPPING SCREW, BVT2+3-10
30	8A-NFE-031-010		PANEL, FR U	B	87-067-581-010		TAPPING SCREW, BVT2+3-15
31	8A-NF3-063-010		KEY ASSY, OPE	C	87-721-097-410		QT2+3-12 GLD
32	8A-NF3-073-110		KEY, REC U	D	87-591-095-410		TAPPING SCREW, QIT+3-8 (GLD)
33	8A-NF3-065-010		KEY, KARAOKE	E	87-B10-190-010		BVT2+3-22 W/O SLOT
34	8A-NF3-061-010		KEY, GEQ	F	87-067-689-010		TAPPING SCREW, BVT2+3-8
35	8A-NF3-067-010		KEY, BBE	G	87-067-761-010		TAPPING SCREW, BVT2+3-10
36	8A-NFE-062-010		KEY, LFE	H	87-NF4-224-010		S-SCREW, IT3B+3-8 CU
37	8A-NF3-201-010		GUIDE, LED-FUNC	I	87-721-096-410		QT2+3-10 GLD
38	8A-NFE-072-010		KEY, FUNC AC3	J	87-067-758-010		BVT2+3-12 W/O SLOT
39	8A-NF3-088-010		REFLECTOR, FUNC	K	87-067-975-010		S-SCREW, IT+4-8
40	8A-NF3-068-010		KEY, JOG	L	87-067-641-010		UTT2+3-8 (W/O SLOT) BL
41	8Z-NF3-210-010		GUIDE, FL	M	87-067-579-010		TAPPING SCREW, BVT2+3-8
42	8A-NF3-070-010		KEY, ECO				
43	8A-NF3-213-110		HLDR, HT-SINK L				
44	8A-NF3-214-010		HLDR, HT-SINK R				
45	8A-NF3-210-010		HLDR, SIDE L				

COLOR NAME TABLE

Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent Green
LD	Dark Blue	DT	Transparent Orange	GM	Metallic Green
YM	Metallic Yellow	DM	Metallic Orange	PT	Transparent Pink

TAPE MECHANISM EXPLODED VIEW 1 / 1



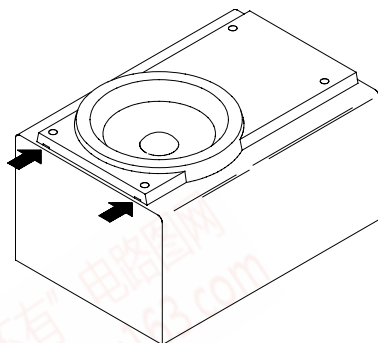
TAPE MECHANISM PARTS LIST 1 / 1

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	82-ZM3-301-610		CHAS ASSY,M2	31	82-ZM1-255-310		SPR-E, LVR DIR
2	82-ZM1-258-210		SPR-T, PINCH L	32	82-ZM3-305-210		GEAR, CAM M2
3	82-ZM1-341-210		LVR ASSY, PINCH L2	33	82-ZM1-227-310		LVR, TRIG
4	82-ZM1-333-210		PLATE, LINK2	34	82-ZM3-306-110		LVR, FR M2
5	82-ZM1-266-310		LVR, DIR	35	82-ZM1-265-310		SPR-E, TRIG
6	82-ZM1-214-010		SPR-T, DIR	36	82-ZM3-339-110		SHAFT, COUPLER N3
7	82-ZM1-206-910		CHAS, HEAD	37	86-ZM1-206-010		BELT, MAIN L
8	82-ZM3-335-310		PULLEY, COUPLER M3	38	82-ZM1-322-010		SPR-T, FR 60
9	82-ZM1-269-210		SPR-T, BRG	39	82-ZM1-220-210		GEAR, IDLER
10	82-ZM1-219-110		SPR-T, LINK	40	82-ZM3-616-010		RING MAGNET 4
11	82-ZM1-210-110		GEAR, H T	41	82-ZM1-216-410		GEAR, REEL
12	82-ZM1-213-010		SPR-T, HEAD	42	87-A90-820-010		HEAD, PH HADKH25 FPC
13	82-ZM1-207-910		GUIDE, TAPE	42	87-A90-821-010		HEAD, RPH HADKH56 FPC
14	86-ZM4-206-010		S-SCREW, AZIMUTH L	43	82-ZM1-225-210		GEAR, FR
15	82-ZM1-314-110		PLATE, HEAD	44	82-ZM1-226-010		GEAR, REW
16	82-ZM1-208-310		HLD, HEAD	45	82-ZM3-333-310		SLIP DISK ASSY 2
17	82-ZM1-218-010		SPR-E, HB	46	82-ZM1-338-110		BELT, FR 4
18	82-ZM3-342-010		BELT, SBU MOT 3	47	82-ZM1-237-610		FLY-WHL, ASSY RW <DECK1>
19	82-ZM1-222-210		LVR, PLAY	47	09-001-420-010		FLY-WHL, R ASSY <DECK2>
20	82-ZM1-217-410		REEL TABLE	48	82-ZM1-234-310		FLY-WHL, ASSY L <DECK1, 2>
21	82-ZM1-244-510		SPR-C, BT	49	82-ZM3-329-410		BELT, SBU R2
22	82-ZM1-285-410		SPR-C, BT L	50	82-ZM1-618-410		SOL ASSY, 27
23	82-ZM1-257-010		SPR-T, CAS	51	87-045-347-010		MOT, SHU2L 70
24	82-ZM1-241-310		LVR, MC	52	82-ZM3-221-210		PULLEY, MOT 2M
25	82-ZM1-242-010		LVR, CAS	A	85-ZM3-202-010		S-SCREW, TG
26	82-ZM1-243-010		LVR, STOP	B	80-ZM6-207-010		V+1.6-7
27	82-ZM1-344-010		LVR ASSY, PINCH R2	C	82-ZM3-318-110		S-SCREW W, MOTOR M2
28	82-ZM1-259-210		SPR-T, PINCH R	D	87-B10-043-010		W-P, 0.99-4-0.25 SLT
29	82-ZM1-240-110		LVR, REC(*)	E	82-ZM3-334-010		PW 2.16-6-0.4
30	80-ZM6-243-010		SH 1.75-3.6-0.5 SLT	53	82-ZM3-307-010		CUSH-G, DIA 3.7-8-3.25
				54	82-ZM1-245-210		HLD, IC
				55	82-ZM1-288-010		SH, 1.63-3.2-0.5 SLT
				56	82-ZM3-340-010		SH, BELT D2

SPEAKER DISASSEMBLY INSTRUCTIONS

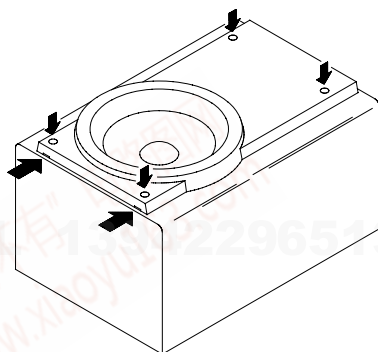
Type.1

Insert a flat-bladed screwdriver into the position indicated by the arrows and remove the panel. Remove the screws of each speaker unit and then remove the speaker units.



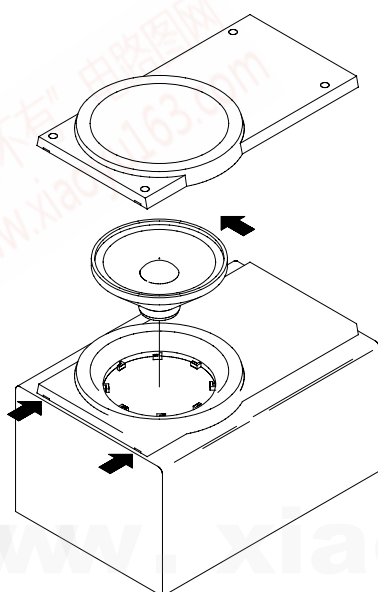
Type.2

Remove the grill frame and four pieces of rubber caps by pulling out with a flat-bladed screwdriver. Remove the screws from hole where installed rubber caps. Insert a flat-bladed screwdriver into the position indicated by the arrows and remove the panel. Remove the screws of each speaker unit and then remove the speaker units.



Type.3

Insert a flat-bladed screwdriver into the position indicated by the arrows and remove the panel. Turn the speaker unit to counter-clockwise direction while inserting a flat-bladed screwdriver into one of the hollows around speaker unit, and then remove the speaker unit. After replacing the speaker unit, install it turning to clockwise direction until "click" sound comes out.



Type.4



TOOLS

- ① Plastic head hammer
- ② (⊖) flat head screwdriver
- ③ Cut chisel

How to Remove the PANEL, FR

1. Insert the (⊖) flat head screwdriver tip into the gap between the PANEL, FR and the PANEL, SPKR. Tap the head of the (⊖) flat head screwdriver with the plastic hammer head, and create the clearance as shown in Fig-1.
2. Insert the cut chisel in the clearance, and tap the head of the cut chisel with plastic hammer as shown in Fig-2, to remove the PANEL, FR.
3. Place the speaker horizontally. Tap head of the cut chisel with plastic hammer as shown in Fig-3, and remove the PANEL, FR completely.

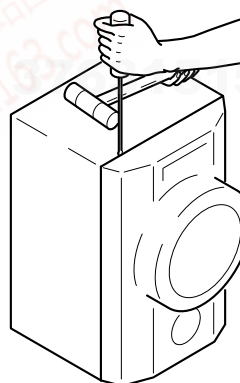


Fig-1

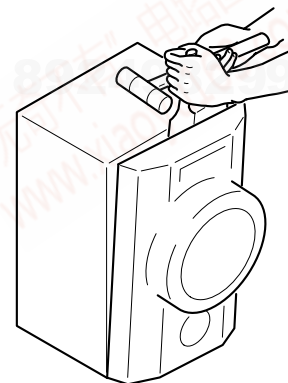


Fig-2

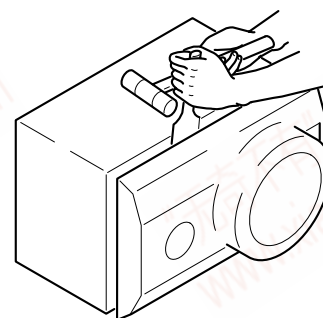


Fig-3

How to Attach the PANEL, FR

Attach the PANEL, FR to the PANEL, SPKR. Tap the four corners of the PANEL, FR with the plastic hammer to fit the PANEL, FR into the PANEL, SPKR completely.

SPEAKER PARTS LIST SX-ND92 (YUSC)

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NSD-001-010		PANEL, FR L
2	8A-NSD-002-010		PANEL, FR R
3	8A-NSD-003-010		PANEL, BA
4	8A-NSD-004-010		GRILLE, FRAME ASSY
5	8A-NSJ-006-010		BADGE, AIWA S35
6	8A-NSD-007-010		PROTECTOR, TW
7	88-NSG-610-010		SPKR, CERAMIC ASSY
8	87-NSG-602-010		SPKR, W 160
9	87-NSG-604-010		SPKR, T 80
10	87-NS7-611-010		CORD, SPKR
11	8A-NSD-011-010		PANEL, DUCT
12	8A-NSD-012-010		BUSHING,
13	8A-NSD-013-010		GRILLE, CATCH
14	8A-NSD-016-010		CORD, SPKR

SPEAKER PARTS LIST SX-R275 (YUSTN)

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	87-YS1-001-010		CABI, REAR
2	87-YS1-004-010		GRILLE, FRAME ASSY
3	81-VSA-009-010		CORD, BUSH
4	87-010-384-010		CAP, E 100-25 M SME
5	87-YS6-002-010		SPKR, CORD Y
6	87-YS6-601-010		SPKR, 100
7	87-YS6-904-010		IB, YU (ESF) P
8	87-YS6-913-010		IB, YU (ESF) T

SPEAKER PARTS LIST SX-C605 (YUSTN)

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	87-YS3-001-010		PANEL, FR ST
2	87-YS3-002-010		PANEL, REAR ST
3	81-VSA-009-010		CORD, BUSH
4	87-YS3-003-010		GRILLE, FRAME ASSY
5	83-NSM-010-010		SPKR, CORD
6	87-YS7-602-010		SPKR, 100
7	87-YS7-903-010		IB, YU (ESF) 0

ACCESSORIES / PACKAGE LIST

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8A-NFE-903-010		IB, U (ESF) M
2	87-006-225-010		AM LOOP ANT NC2
3	87-043-115-010		ANT, FEEDER FM
4	8Z-NFD-702-010		RC UNIT, RC-ZAS22X

QQ 376315150 892498299

TEL 13942296513 QQ 376315150 892498299

TEL 13942296513 QQ 376315150 892498299

アイワ株式会社 〒110-8710 東京都台東区池之端1-2-11 ☎03(3827)3111 (代表)
AIWA CO.,LTD. 2-11, IKENOHATA 1-CHOME, TAITO-KU, TOKYO 110, JAPAN TEL:03 (3827) 3111

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